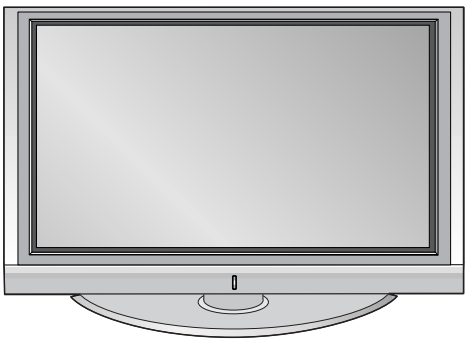
website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

PLASMA TV
MANUAL DE SERVIÇO

CHASSIS : PN-61A

MODELO : 42PC1RV 42PC1RV-MJ

ATENÇÃO
Antes de reparar este chassis, leia as PRECAUÇÕES DE SEGURANÇA contidas neste manual.



CONTEÚDO

CONTEÚDO **2**

PRECAUÇÕES DE SEGURANÇA **3**

INSTRUÇÕES PARA AJUSTE **4**

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DIAGRAMA DE BLOCOS **21**

VISTAS EXPLODIDAS **22**

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LISTA DE PEÇAS DE REPOSIÇÃO **24**

DIAGRAMA ELÉTRICO .....

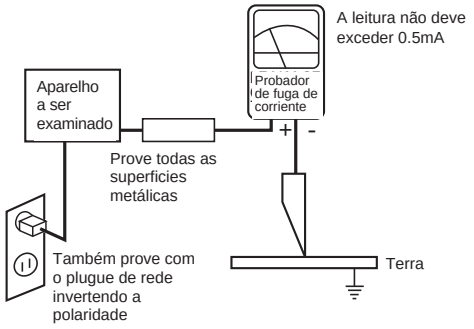
PAINEL DE CIRCUITO IMPRESSO .....

PRECAUÇÕES DE SEGURANÇA

ADVERTÊNCIA : Antes de reparar este chassis., leia as " PRECAUÇÕES DE RADIAÇÃO POR RAIO X ", " INSTRUÇÕES DE SEGURANÇA " e " AVISO SOBRE SEGURANÇA DE PRODUTOS ".

INSTRUÇÕES DE SEGURANÇA

1. Quando o receptor está em operação, são geradas tensões potencialmente altas em torno de 25-29 kV. Operar o receptor fora de seu gabinete ou com a tampa traseira removida pode causar perigo de choque elétrico.
   (1) Ninguém deverá tentar reparar o aparelho sem estar familiarizado com as precauções que são necessárias quando se trabalha com um equipamento de alta tensão.
   (2) Sempre descarregue o anodo do cinescópio ao terra para evitar o risco de choque elétrico antes de remover o conector do anodo (chupeta de alta tensão).
   (3) Descarregue completamente o potencial do cinescópio antes de manuseá-lo. O cinescópio é de alto vácuo, e se quebrar, os fragmentos de vidro são expelidos violentamente.
2. S e queimar algúm fusível deste receptor de televisão, substitua-o por outro especificado na lista de peças elétricas.
3. Quando substituir placas de circuito impresso ou módulos, fixe seus fios nos terminais antes de soldar.
4. Quando substituir uma resistência de potência (resistor de película de óxido metálico) no painel de circuito impresso, mantenha os seus terminais com 10mm de distância do painel.
5. Mantenha os fios e cabos distantes de componentes de alta potência e de alta temperatura.
6. Este receptor deve operar em redes de 100 a 240 V AC.
7. Antes de devolver este aparelho ao cliente, faça uma verificação de fuga de corrente sobre as partes metálicas expostas do gabinete, tais com antenas, terminais, cabeças de parafusos, tampas de metal, alavancas de controle, etc., e certifique-se de que o aparelho funciona sem perigo de choque elétrico. Ligue o cabo de rede do aparelho diretamente a uma tomada de força de 100-240 V AC. Não utilize um transformador de isolação durante este teste. Utilize um voltímetro de no mínimo 1KW por Volt de sensibilidade, da forma que se segue.
   Quando a unidade estiver conectada ao AC, pulse o comutador primeiramente em "ON" (ligado) e em seguida em "OFF" (desligado), meça desde um ponto de terra conhecido (tal como um terminal de terra central da rede elétrica) a todas as partes metálicas expostas do televisor (antenas, teclas metálicas, capas metálicas, alavancas de controle, etc..) especialmente qualquer parte metálica que possa oferecer um caminho ao chassis. Nenhuma medição de corrente elétrica deve exceder 0,5 mA. Repita a prova mudando a posição do pluque de rede na tomada AC. Qualquer medição que não esteja dentro dos limites aqui especificados, representam risco potencial de choque elé trico que deve ser sanado antes que o aparelho retorne ao cliente.


A leitura não deve exceder 0.5mA
Probador de fuga de corriente
Aparelho a ser examinado
+
-
Prove todas as superficies metálicas
Também prove com o plugue de rede invertendo a polaridade
Terra

AVISO SOBRE SEGURANÇA DE PRODUTO

Muitas partes elétricas e mecânicas neste chassis, tem características relacionadas com a segurança. Estas características frequentemente não são verificadas nas inspeções visuais e a proteção que proporcionam contra a RADIAÇÃO DE RAIO " X " nem sempre se obtem utilizando componente com maior potência ou de maior isolação. As peças que têm essas características de segurança são identificadas por uma marca [⚠] impressa sobre o diagrama esquemático e a marca [¡] impressa na lista de partes elétricas. Antes de substituir algum destes componentes, leia cuidadosamente este manual. O uso de peças de reposição que não tenham as mesmas características de segurança, como especificado na lista de material de reposição, pode gerar Radiação de Raios "X".

INSTRUÇÕES PARA AJUSTE

1. Objeto de Aplicação

Esta folha de especificações é totalmente aplicada ao chassis TV PDP 42", PN61A.

2. Especificações

(1) Por ser um chassis frio, não é necessário um transformador de isolação. Porém, o uso de um transformador de isolação protegerá os instrumentos de teste.
(2) Todos o ajustes devem ser realizados na seqüência correta.
(3) O ajuste deve ser efetuado a uma temperatura de 25±5°C e umidade relativa de 65±10%, a menos que exista uma outra específicação.
(4) A tensão de entrada do receptor deve ser mantida entre 100~240V, 50/60Hz.
(5) O receptor deve ser operado por cerca de 15 minutos antes de efetuar o ajuste.

- Após operar o modo HEAT-RUN com RGB totalmente branco, o receptor deve ser operado previamente ao ajuste.
- Entre no MODO HEAT-RUN
  (1) Através do R/C para Ajuste pressione a TECLA POWER ON (Ligar).
  (2) O OSD será mostrado e a tela aparecerá preenchida com PADRÃO 100% BRANCO.

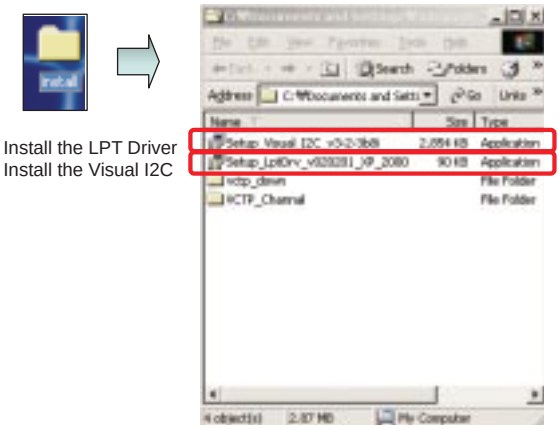
※ Neste modo o aparelho habilita o HEAT-RUN sem a necessidade do gerador de sinais.
※ O padrão de cor simples (RED / BLUE / GREEN) do modo HEAT-RUN normalmente verifica o PAINEL.

(Atenção) Se você ligar a tela por mais que 20 minutos (Especialmente no padrão digital, padrão cross hatch), uma imagem subseqüente pode ocorrer na porção preta da tela.

3. Download do Programa e Instalação

(1) Extraia o arquivo Zip.

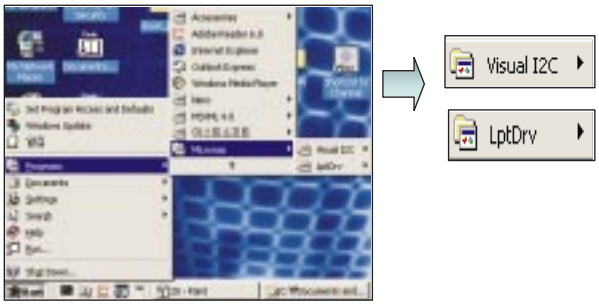
(2) Instalação do Visual I2C & Driver LPT.



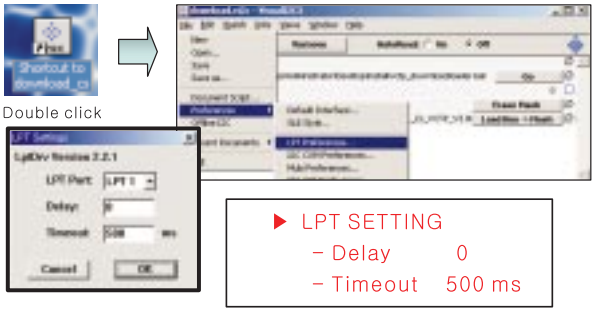
LPT Port Driver (LptDrv) Setups : Program Files>Micronas>Visual I2C>Port_Driver

- ▶ Use for Windows 95/98 : Setup _LptDrv_v0104_9x.exe
- ▶ Use for Windows 2000/XP : Setup_LptDrv_v0202_XP_2000.exe
- ▶ Use for Windows NT : Setup_LptDrv_v0104_NT.exe

(3) Verificação (Start>Programs>Micronas>Visual I2C ou LptDrv).



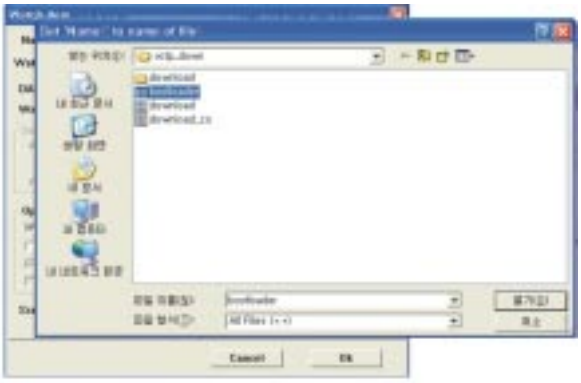
(4) Ajuste do delay (atraso) LPT (File>Preference>LPT preferences...).



(5) Troque o arquivo bootloader.bat.

▶ Clique duplo na área vermelha.

▶ Clique duplo na área vermelha.

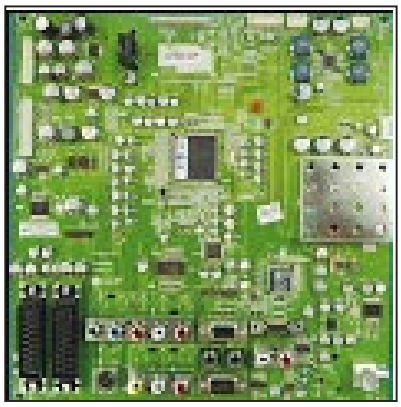


► Selecione o arquivo “bootloader.bat” (install>VCTP_ download>bootloader).
► Clique em “OK”.

► Após salvar o arquivo “download_cs.vi2c” finalize o programa (se você clicar em , a mensagem aparecerá automaticamente).

4. Download do Programa S/W

4-1. Método de Download 1(Conjunto PCB)

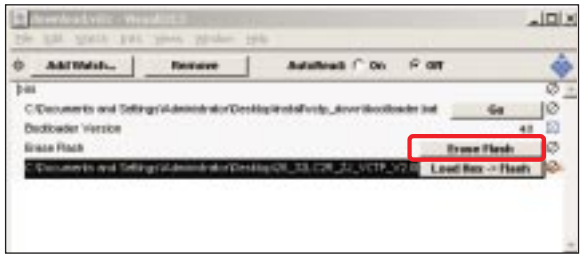


(1) Conecte o jig de download ao jack D-sub.
(2) Execute o programa ‘Download.vi2c’ no PC, e então a janela principal será aberta.

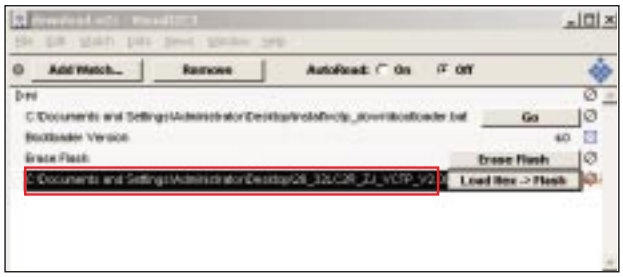
Double click

(3) Dê um duplo clique na caixa azul e confirme a “Bootloader Version” como 40.

(4) Clique na tecla “Erase Flash”.

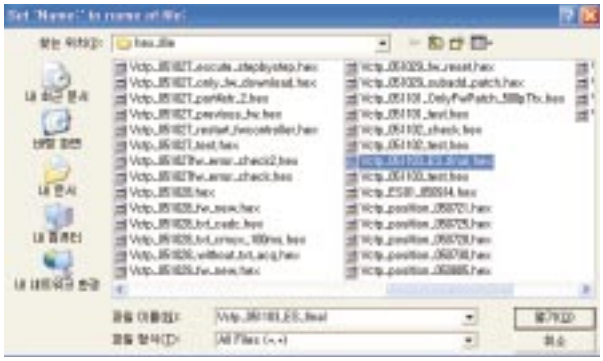


(5) Dê um duplo clique no último arquivo do download, e então a janela “edit” será aberta.

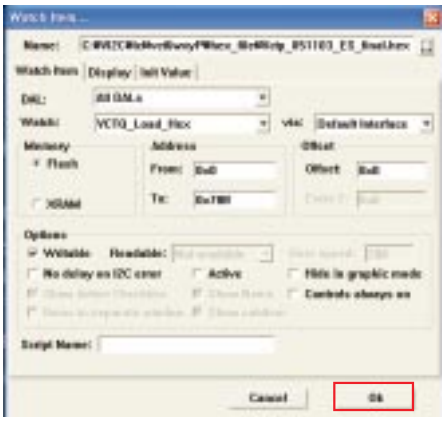


(6) Clique no botão de escolha na janela “edit”, e então a “janela de escolha de arquivo” será aberta.

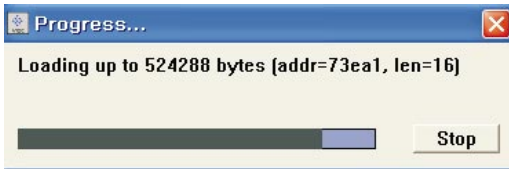
(7) Escolha o arquivo Hex na pasta e execute o download clicando na tecla “open”.



(8) Clique na tecla OK na janela “edit”.



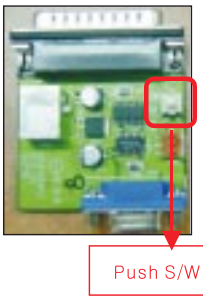
(9) Processo de download.

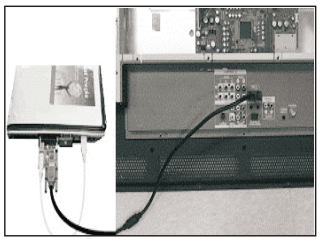


(10) Caso o download apresente erro, por exemplo “No acknowledge from slave”, execute novamente o download a partir do item (1).

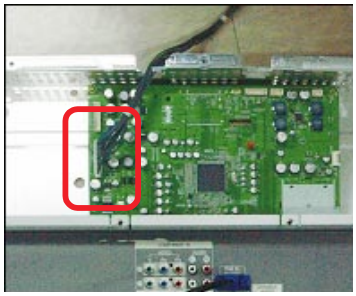
4-2. Método de Download 2(Conj. da Placa AV)

(1) Mude S/W para ‘ON/LIGADO” (conecte o SCL ao GND através da chave do Jig) e conecte o jig para download ao jack D-sub.

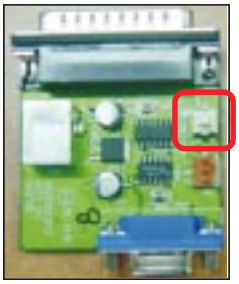




(2) Alimente (Stand-by 5V) e aguarde 3 segundos.



(3) Mude o S/W para OFF/DESLIGADO (Desconecte o SCL do GND através da chave do Jig).



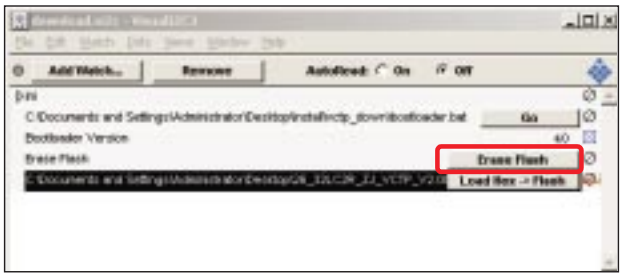
Push S/W

(4) Execute o programa 'Download.vi2c' no PC, e então a janela principal será aberta.

Double click

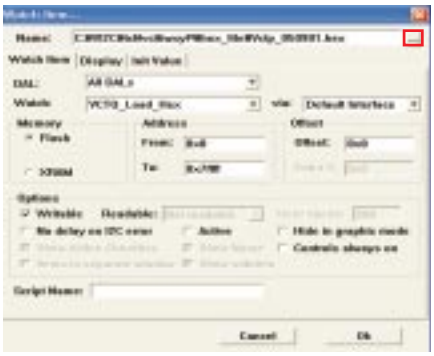
(5) Dê um duplo clique sobre a caixa azul e confirme "Bootloader Version" como 40.

(6) Clique na tecla "Erase Flash".

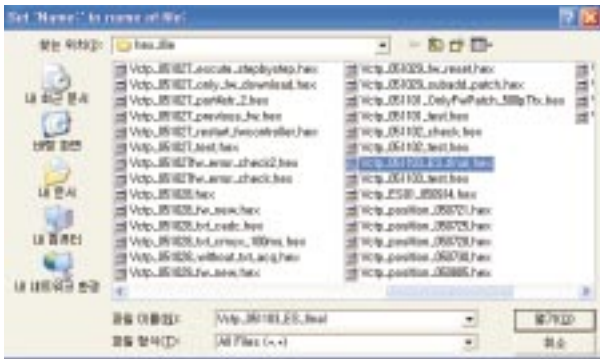


(7) Dê um duplo clique no último arquivo do download, e então a janela "edit" será aberta.

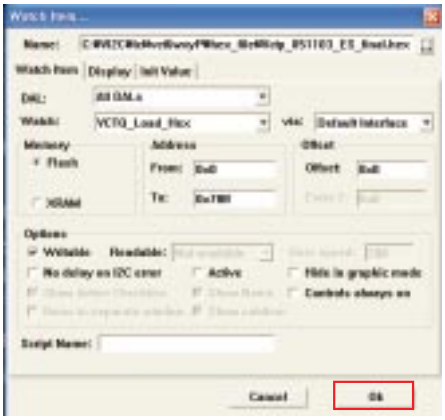
(8) Clique no botão de escolha na janela "edit", e então a "janela de escolha de arquivo" será aberta.



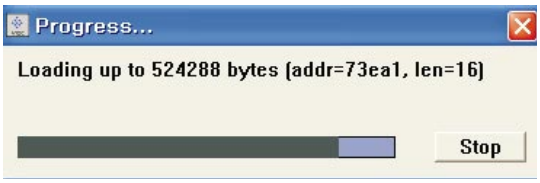
(9) Escolha o arquivo Hex na pasta e execute o download clicando na tecla "open".



(10) Clique na tecla OK na janela "edit".



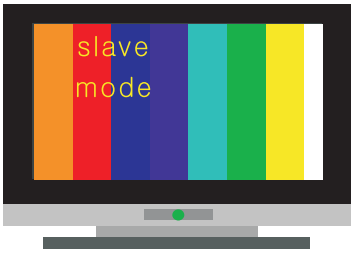
(11) Processo de download.



(12) Caso o download apresente erro, por exemplo “No acknowledge from slave”, execute novamente o download a partir do item (1).

4-3. Método de Download 3 (SET)

(1) Aperte a tecla “Tilt” no controle remoto de ajuste, e então o PDP mudará para o modo “slave”.

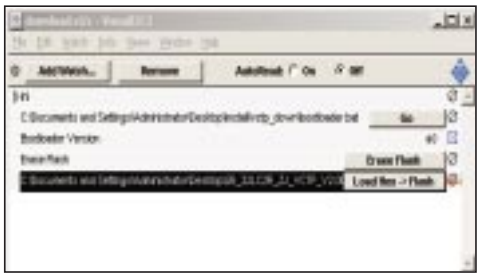


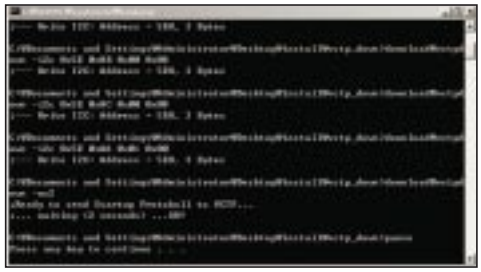
(2) Conecte o Zig ao TV através do cabo D-sub.

(3) Execute o programa ‘Download_CS.vi2c’ no PC, e então a janela principal será aberta.

Double click

(4) Clique na tecla “GO”.

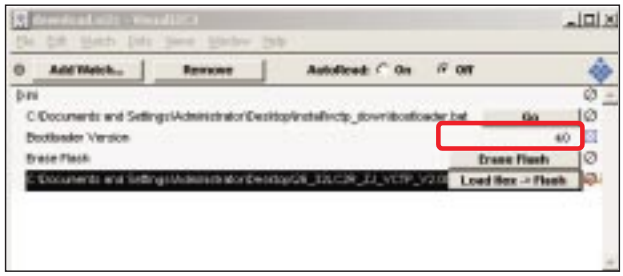




Se você não clicar em “go”, o arquivo Hex não será baixado embora o download tenha sido executado normalmente na primeira vez.

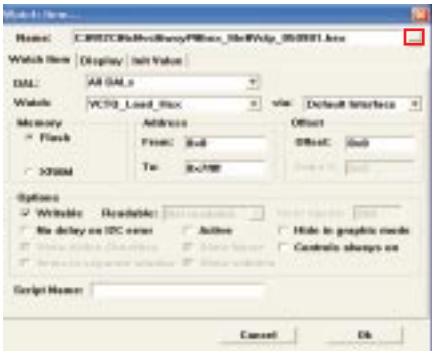
(5) Dê um duplo clique sobre a caixa azul e confirme “Bootloader Version” como 40.

(6) Clique na tecla “Erase Flash”.

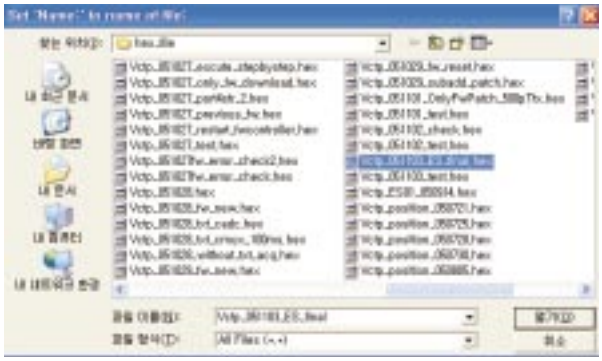


(7) Dê um duplo clique no último arquivo do download, e então a janela “edit” será aberta.

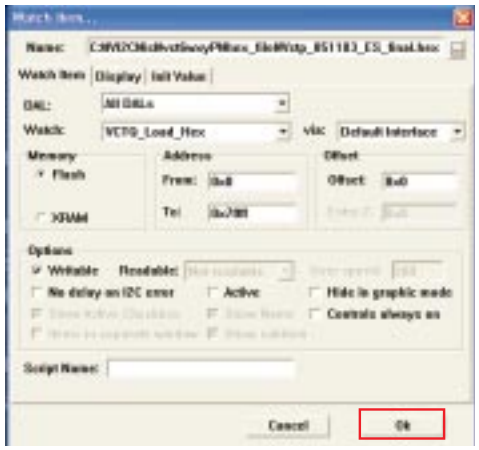
(8) Clique no botão de escolha na janela “edit”, e então a “janela de escolha de arquivo” será aberta.



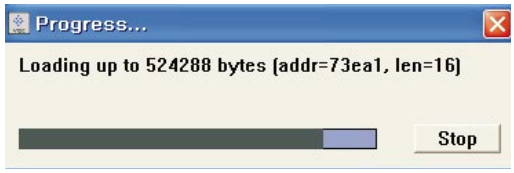
(9) Escolha o arquivo Hex na pasta e execute o download clicando na tecla “open”.



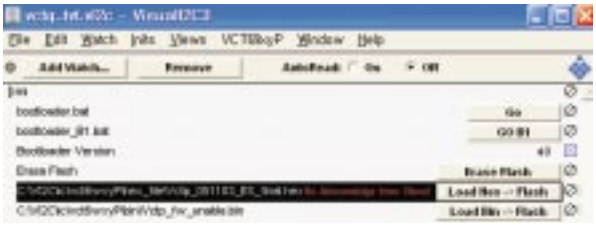
(10) Clique na tecla OK na janela “edit”.



(11) Processo de download.



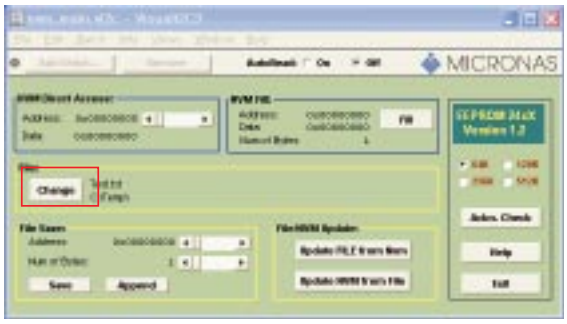
(12) Caso o download apresente erro, por exemplo “No acknowledge from slave”, execute novamente o download a partir do item (1).



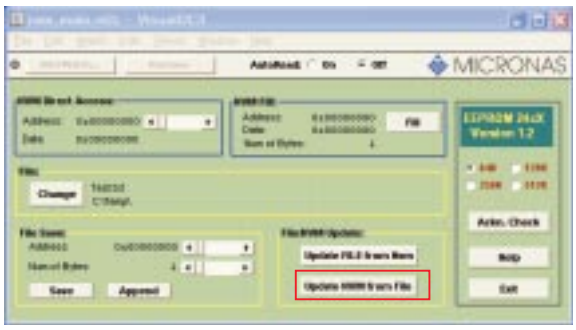
5. Download do Canal de Memória

(1) Conecte o jig para download ao jack D-sub.
(2) Execute o programa ‘Channal.vi2c’ no PC, e então a janela principal será aberta.

(3) Pressione a tecla change e selecione os dados do Canal de Memória.



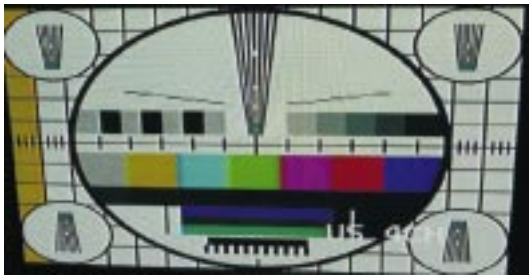
(4) Aperte a tecla Update NVM do arquivo.



6. Ajuste da Portadora de Cores

(Processo de Inspeção)

(1) Sintonize o 4CH US RF.



(2) Pressione a tecla “Adj” no remocon para ajuste.

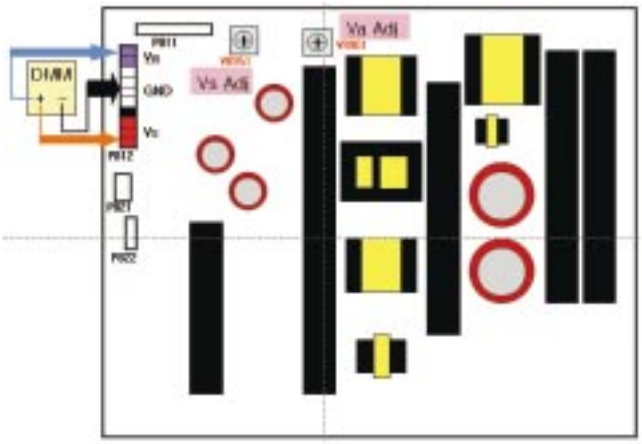
Atenção: Cada conjunto PCB deve ser verificado pelo equipamento JIG. (Seja cuidadoso com o Conjunto PCB de Alimentação para não danificar o módulo PDP)

7. Ajustes das Tensões do Conjunto PCB de Alimentação(POWER PCB) (Ajuste da Tensão Va, Vs)

7-1. Equipamento de Teste: D.M.M.

7-2. Diagrama de Conexões para Medidas

Verifique a Fig. 1.



(Fig. 1) Diagrama de Conexões do Ajuste de Alimentação para Medidas

7-3. Método de Ajuste

Método de Ajuste para Placa de Alimentação
(P/No: 6709900019A)

(1) Ajuste Va

1) Após receber Padrão 100% Branco, opere o HEAT-RUN.
2) Conecte o terminal + do D.M.M. ao pino Va do P812 e conecte o terminal - ao pino TERRA do P812.
3) Após isto, ajuste o RV501, ajuste a tensão do D.M.M. para ser a mesma tensão Va que é mostrada no label do painel direito/superior (Desvio: ±0,5V).

(2) Ajuste Vs

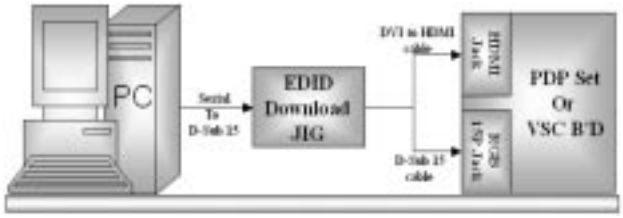
1) Conecte o terminal + do D.M.M. ao pino Vs do P812 e conecte o terminal - ao pino TERRA do P812.
2) Após isto, ajuste o RV401, ajuste a tensão do D.M.M. para ser a mesma tensão Vs que é mostrada no label do painel direito/superior (Desvio: ±0,5V).

8. Download EDID (Dados de Identificação Estendidos do Display) /DDC (Canal de Dados do Display)

8-1. Equipamento de Teste Requerido

(1) Ajuste PC com S/W para escrita de Dados EDID.
(S/W: EDID TESTER Ver. 2.5)
(2) Jig para Download EDID.
(3) Cabo: Cabo serial (9 pinos ou USB) para cabo 15 pinos D-Sub, cabo 15 pinos D-Sub, cabo DVI para HDMI.

8-2. Disposição para Ajuste



(Fig. 2) Diagrama de Conexões para o Download DDC

8-3. Preparação para o Ajuste

(1) Conforme acima (Fig. 2), conecte o Aparelho, Jig para Download EDID, PC & Cabo.
(2) Ligue o PC & o Jig para Download EDID e execute o S/W: EDID TESTER Ver. 2.5.
(3) Ajuste a opção S/W.
Repeat Number : 5
Device Address : A0
PageByte : 8

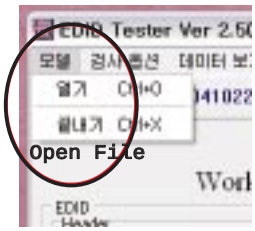
(4) Ligue o Aparelho.

8-4. Seqüência de Ajuste

Dados DDC do RGB Analógico.

(1) Dados iniciais.

(2) Carregue os Dados EDID (Abra o arquivo).

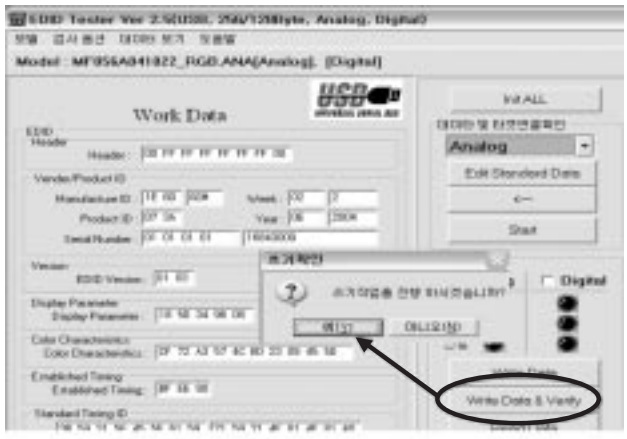


[Analog - RGB : PP61A/C_RGB.ANA]

[Digital - HDMI : PP61A/C_HDMI.DVI]

(3) Ajuste o S/W conforme mostrado a seguir.

(4) Aperte o botão “Write Data & Verify” e confirme “Yes”.



(5) Se a escrita for finalizada, você verá a mensagem “OK”.

<Equipamento Analógico para DADOS EDID: 128bytes>

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	D7	3A	01	01	01	01
10	02	10	01	03	18	5C	34	96	0A	F3	30	A7	54	42	AA	26
20	0F	48	4C	A1	08	00	31	40	01	01	45	40	01	01	61	40
30	01	01	01	01	01	01	D5	09	80	A0	20	E0	2D	10	08	60
40	22	00	98	06	32	08	08	18	64	19	00	40	41	00	26	30
50	18	88	36	00	98	06	32	00	00	18	00	00	00	FC	00	4C
60	47	20	54	56	0A	20	20	20	20	20	20	20	00	00	00	FD
70	00	30	3E	1E	32	08	00	0A	20	20	20	20	20	20	00	4C
80	02	03	1C	72	23	09	07	02	49	07	16	81	03	05	14	13
90	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
B0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

<Equipamento Digital para DADOS DDID: 256bytes>

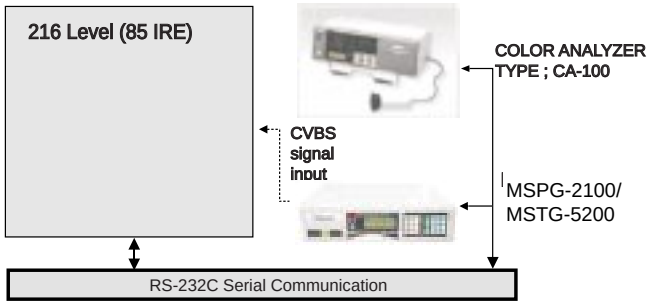
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	D7	3A	01	01	01	01
10	02	10	01	03	80	5C	34	96	0A	F3	30	A7	54	42	AA	26
20	0F	48	4C	00	00	00	01	01	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	8C	0A	D0	8A	20	E0	2D	10	10	3E
40	96	00	C4	8E	21	00	00	18	00	00	00	FC	00	4C	47	20
50	54	56	0A	20	20	20	20	20	20	20	00	00	00	FD	00	2D
60	41	19	30	08	00	0A	20	20	20	20	20	20	00	00	00	00
70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	55
80	02	03	1C	72	23	09	07	02	49	07	16	81	03	05	14	13
90	12	04	83	01	00	00	65	03	0C	00	10	00	01	1D	80	18
A0	71	1C	16	20	58	2C	25	00	C4	8E	21	00	00	9E	01	1D
B0	80	D0	72	1C	16	20	10	2C	25	80	C4	8E	21	00	00	9E
C0	01	1D	00	BC	52	D0	1E	20	B8	28	55	40	C4	8E	21	00
D0	00	1E	8C	0A	D0	90	20	40	31	20	0C	40	55	00	C4	8E
E0	21	00	00	18	01	1D	00	72	51	D0	1E	20	6E	28	55	00
F0	C4	8E	21	00	00	1E	00	00	00	00	00	00	00	00	00	2F

9. Ajuste de White Balance

9-1. Equipamento Requerido

(1) Controle remoto para o ajuste.
(2) Analisador de Cores. (CA-100 ou semelhante)
(3) Instrumento Automático para ajuste W/B. (Somente para o ajuste Automático)
(4) Gerador de Padrões AV.

9-2. Diagrama de Conexão do Equipamento para Medidas (Ajuste Automático)



(Fig. 3) Diagrama de Conexão do Ajuste W/B Automático

Mapa do Ajuste Automático (RS-232C)

Tipo		PN61A				
Baud Rate		Bit de Dados		Bit de Parada		Paridade
115200		8		1		NÃO
Ajuste do Protocolo	Índice	Cmd1	Cmd2	Data	Valor Mín.	Valor Máx.
	Ganho R	j	a		00(00)	255(FF)
	Ganho G	j	b		00(00)	255(FF)
	Ganho B	j	c		00(00)	255(FF)
	Offset R	j	d		00(00)	255(FF)
	Offset G	j	e		00(00)	255(FF)
	Offset B	j	f		00(00)	255(FF)

9-3. Ajuste de White Balance

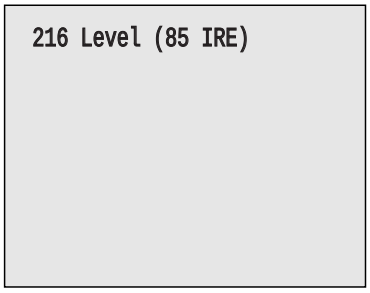
(Ajuste Manual)

- Opere a calibração-zero do CA-100, e então posicione o sensor na superfície do módulo PDP durante o ajuste.
- O ajuste manual também é possível através da seguinte seqüência.

(1) Selecione padrão branco do modo heat-run pressionando a tecla power on no controle remoto para ajuste e opere o modo heat-run por mais de 15 minutos.
(2) Conforme Fig. 4 a seguir, forneça padrão de tela cheia (85 IRE) nível 216 para a entrada de Vídeo.
(3) Através do R/C pressione a TECLA TV/AV para converter do modo de entrada.
(4) Ajuste o PSM para modo Standard no menu Picture.
(5) Pressione a tecla INSTART duas vezes (White Balance) no R/C para entrar no modo de ajuste de White Balance.
(6) Posicione o sensor no centro da tela e selecione cada item (Offset e Ganho Red / Green / Blue) utilizando as teclas ▲/▼ (CH+/-) do R/C.
(7) Ajuste somente High Light (Luz Alta) com Ganho R / B utilizando as teclas ◄/► (VOL +/-) do R/C.
(8) Ajuste até que as coordenadas se tornem as seguintes.

Brilho:	High Light :	80 ± 20cd/m2
Coordenada de Cor:	High Light :	X : 0.283 ± 0.003
		Y : 0.298 ± 0.003

Temperatura de Cor: 9,300°K ± 500°K



(Fig. 4) Padrão para Ajuste de White Balance

(9) Ao concluir o ajuste, pressione a tecla EXIT no R/C para finalizar o ajuste.

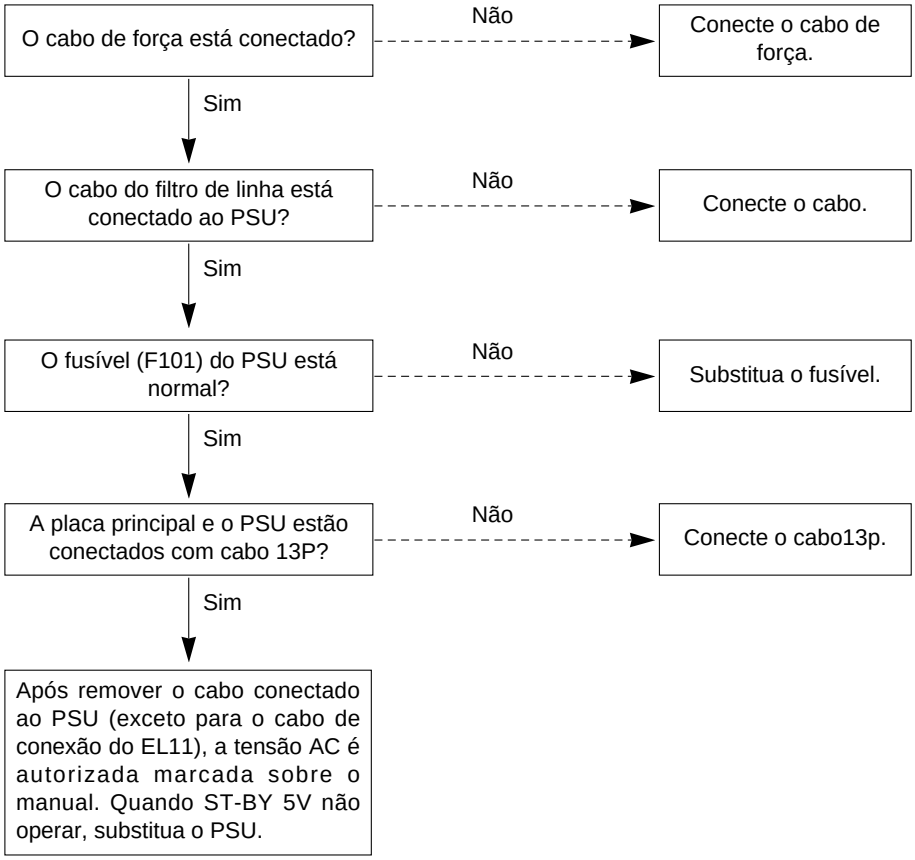
GUIA DE SOLUÇÃO DE PROBLEMAS

1. Sem Alimentação

(1) Sintoma

1) O LED frontal não acende.
2) O Equipamento não descarrega pouco.

(2) Processo de Verificação

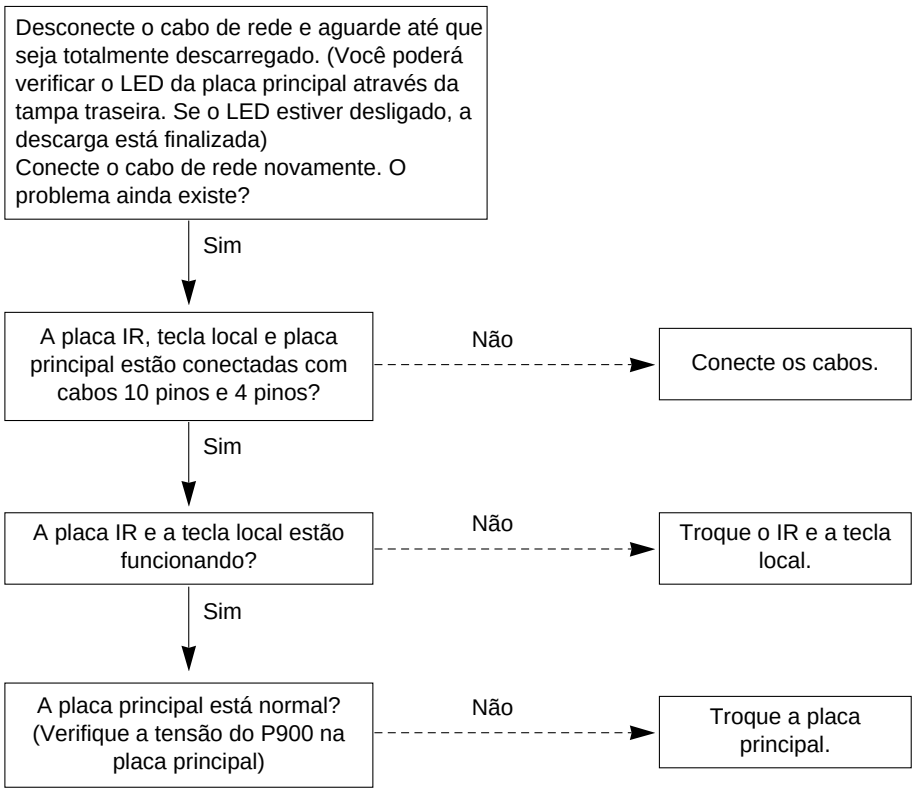

O cabo de força está conectado?
Não
Conecte o cabo de força.
Sim
O cabo do filtro de linha está conectado ao PSU?
Não
Conecte o cabo.
Sim
O fusível (F101) do PSU está normal?
Não
Substitua o fusível.
Sim
A placa principal e o PSU estão conectados com cabo 13P?
Não
Conecte o cabo13p.
Sim
Após remover o cabo conectado ao PSU (exceto para o cabo de conexão do EL11), a tensão AC é autorizada marcada sobre o manual. Quando ST-BY 5V não operar, substitua o PSU.

2. Não é Possível Ligar (Power On)

(1) Sintoma

1) O LED frontal está vermelho, no entanto não se altera para verde.
   (Não é possível ligar o aparelho)
2) Não é possível ligar através do Remocon ou Tecla Local.

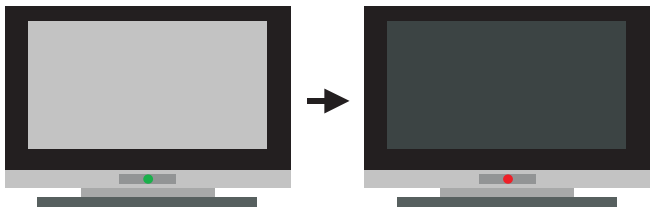
(2) Processo de Verificação


Desconecte o cabo de rede e aguarde até que seja totalmente descarregado. (Você poderá verificar o LED da placa principal através da tampa traseira. Se o LED estiver desligado, a descarga está finalizada)
Conecte o cabo de rede novamente. O problema ainda existe?
Sim
A placa IR, tecla local e placa principal estão conectadas com cabos 10 pinos e 4 pinos?
Não
Conecte os cabos.
Sim
A placa IR e a tecla local estão funcionando?
Não
Troque o IR e a tecla local.
Sim
A placa principal está normal? (Verifique a tensão do P900 na placa principal)
Não
Troque a placa principal.

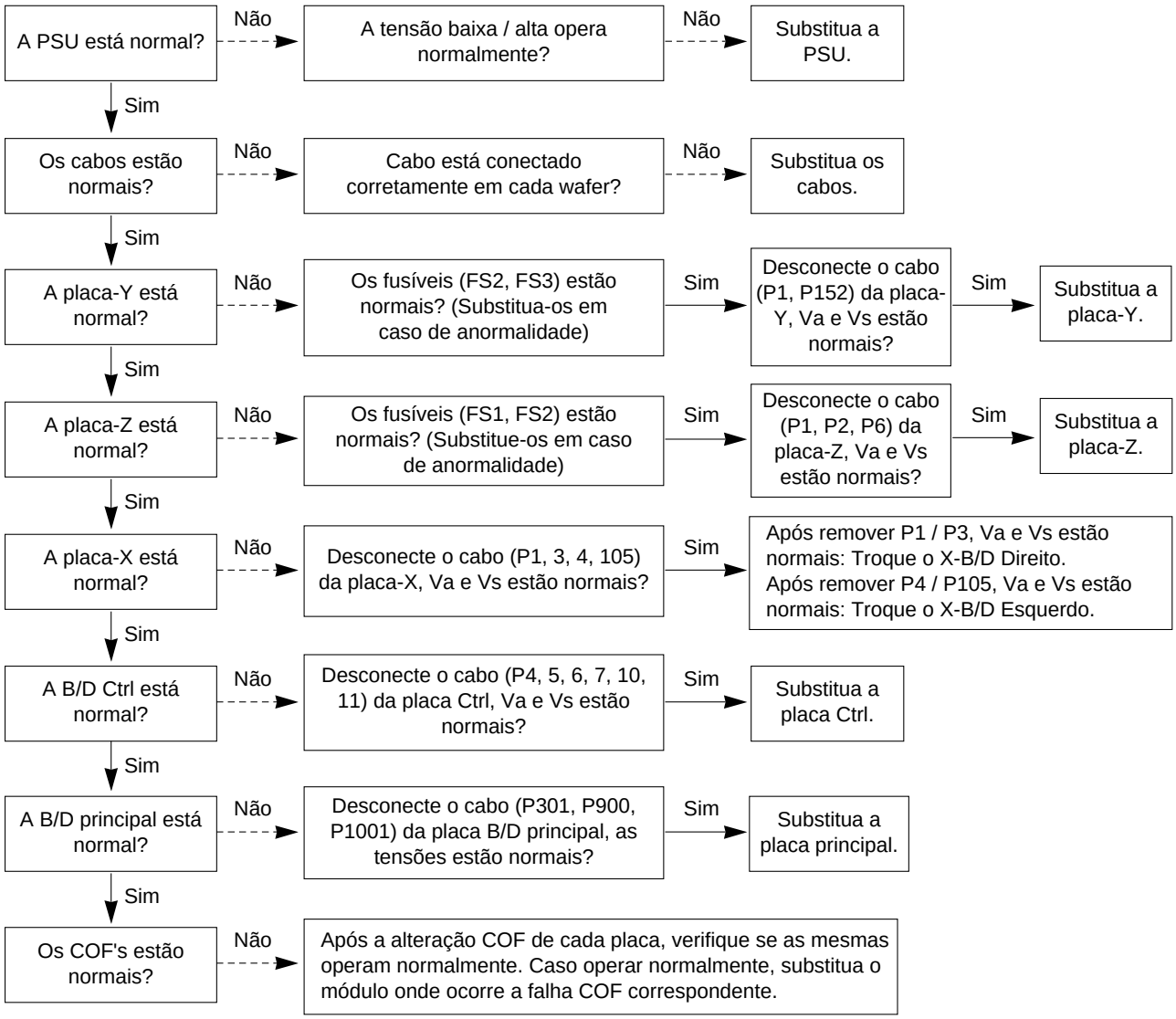
3. Modo de Proteção

(1) Sintoma

1) Após piscar uma vez, ele não irá corretamente do módulo.
2) O relê irá chavear. (Um “clique” poderá ser ouvido)
3) O LED frontal se altera de verde para vermelho.



(2) Processo de Verificação

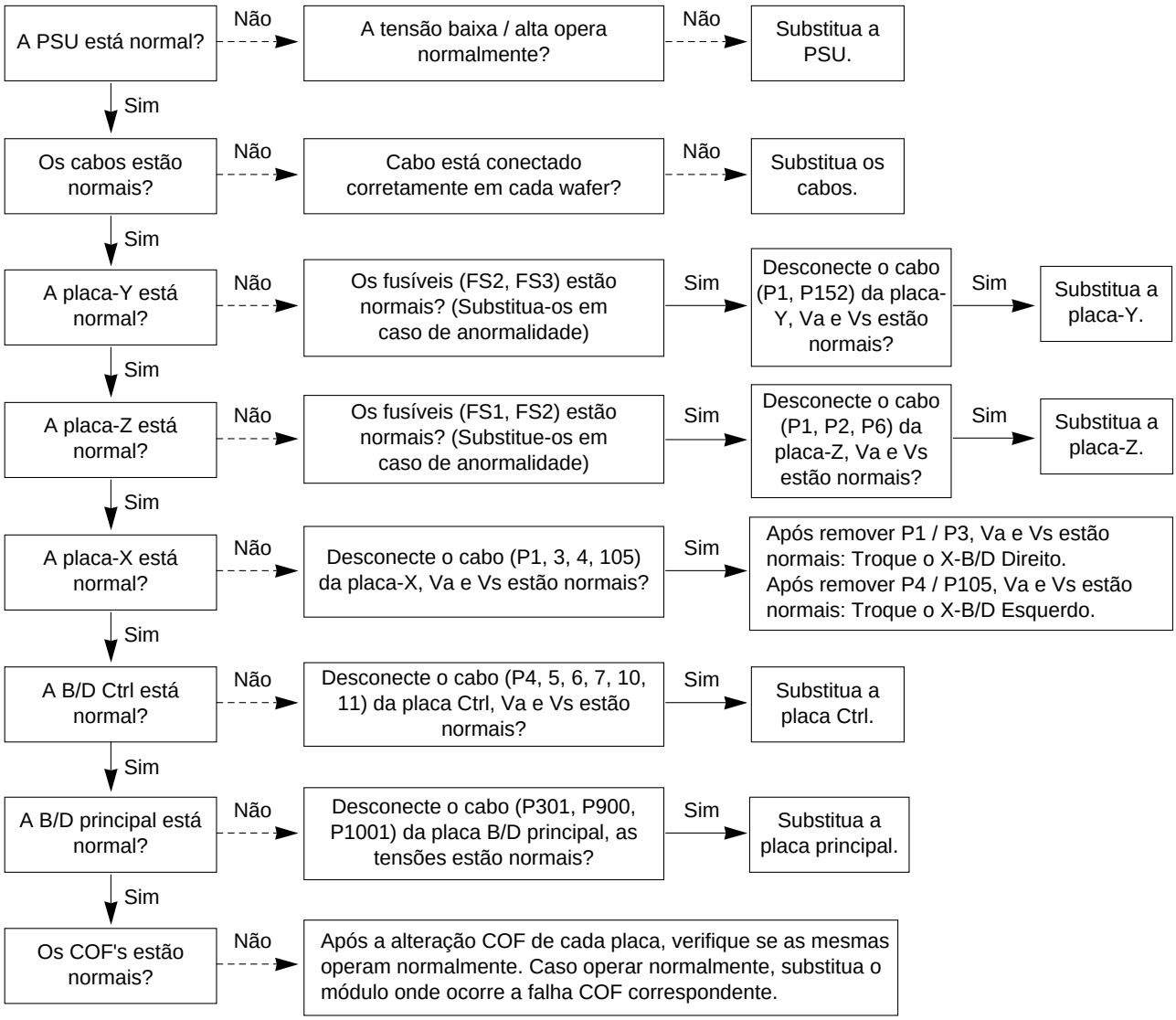

A PSU está normal?
Não
A tensão baixa / alta opera normalmente?
Não
Substitua a PSU.
Sim
Os cabos estão normais?
Não
Cabo está conectado corretamente em cada wafer?
Não
Substitua os cabos.
Sim
A placa-Y está normal?
Não
Os fusíveis (FS2, FS3) estão normais? (Substitua-os em caso de anormalidade)
Sim
Desconecte o cabo (P1, P152) da placa-Y, Va e Vs estão normais?
Sim
Substitua a placa-Y.
Sim
A placa-Z está normal?
Não
Os fusíveis (FS1, FS2) estão normais? (Substitue-os em caso de anormalidade)
Sim
Desconecte o cabo (P1, P2, P6) da placa-Z, Va e Vs estão normais?
Sim
Substitua a placa-Z.
Sim
A placa-X está normal?
Não
Desconecte o cabo (P1, 3, 4, 105) da placa-X, Va e Vs estão normais?
Sim
Após remover P1 / P3, Va e Vs estão normais: Troque o X-B/D Direito.
Após remover P4 / P105, Va e Vs estão normais: Troque o X-B/D Esquerdo.
Sim
A B/D Ctrl está normal?
Não
Desconecte o cabo (P4, 5, 6, 7, 10, 11) da placa Ctrl, Va e Vs estão normais?
Sim
Substitua a placa Ctrl.
Sim
A B/D principal está normal?
Não
Desconecte o cabo (P301, P900, P1001) da placa B/D principal, as tensões estão normais?
Sim
Substitua a placa principal.
Sim
Os COF's estão normais?
Não
Após a alteração COF de cada placa, verifique se as mesmas operam normalmente. Caso operar normalmente, substitua o módulo onde ocorre a falha COF correspondente.

4. Sem Raster

(1) Sintoma

1) LED frontal está verde.
2) O Equipamento não descarrega pouco.

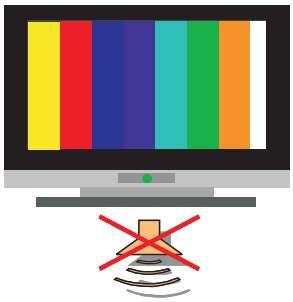
(2) Processo de Verificação


A PSU está normal?
Não
A tensão baixa / alta opera normalmente?
Não
Substitua a PSU.
Sim
Os cabos estão normais?
Não
Cabo está conectado corretamente em cada wafer?
Não
Substitua os cabos.
Sim
A placa-Y está normal?
Não
Os fusíveis (FS2, FS3) estão normais? (Substitua-os em caso de anormalidade)
Sim
Desconecte o cabo (P1, P152) da placa-Y, Va e Vs estão normais?
Sim
Substitua a placa-Y.
Sim
A placa-Z está normal?
Não
Os fusíveis (FS1, FS2) estão normais? (Substitue-os em caso de anormalidade)
Sim
Desconecte o cabo (P1, P2, P6) da placa-Z, Va e Vs estão normais?
Sim
Substitua a placa-Z.
Sim
A placa-X está normal?
Não
Desconecte o cabo (P1, 3, 4, 105) da placa-X, Va e Vs estão normais?
Sim
Após remover P1 / P3, Va e Vs estão normais: Troque o X-B/D Direito.
Após remover P4 / P105, Va e Vs estão normais: Troque o X-B/D Esquerdo.
Sim
A B/D Ctrl está normal?
Não
Desconecte o cabo (P4, 5, 6, 7, 10, 11) da placa Ctrl, Va e Vs estão normais?
Sim
Substitua a placa Ctrl.
Sim
A B/D principal está normal?
Não
Desconecte o cabo (P301, P900, P1001) da placa B/D principal, as tensões estão normais?
Sim
Substitua a placa principal.
Sim
Os COF's estão normais?
Não
Após a alteração COF de cada placa, verifique se as mesmas operam normalmente. Caso operar normalmente, substitua o módulo onde ocorre a falha COF correspondente.

5. Sem Som

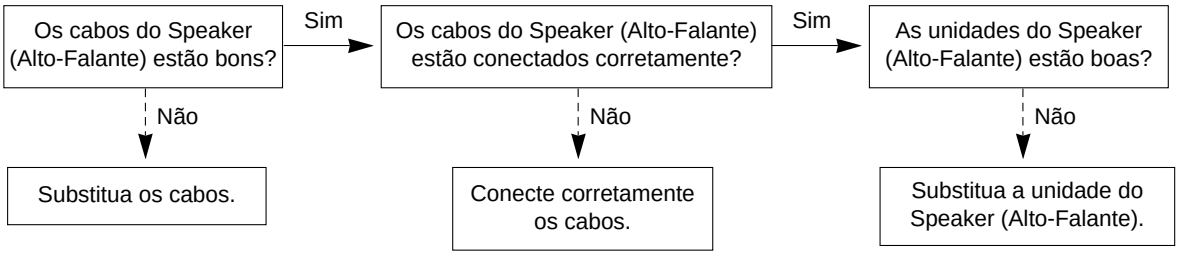
(1) Sintoma

1) LED frontal está verde.
2) O Equipamento mostra a tela, mas não há saída de som.

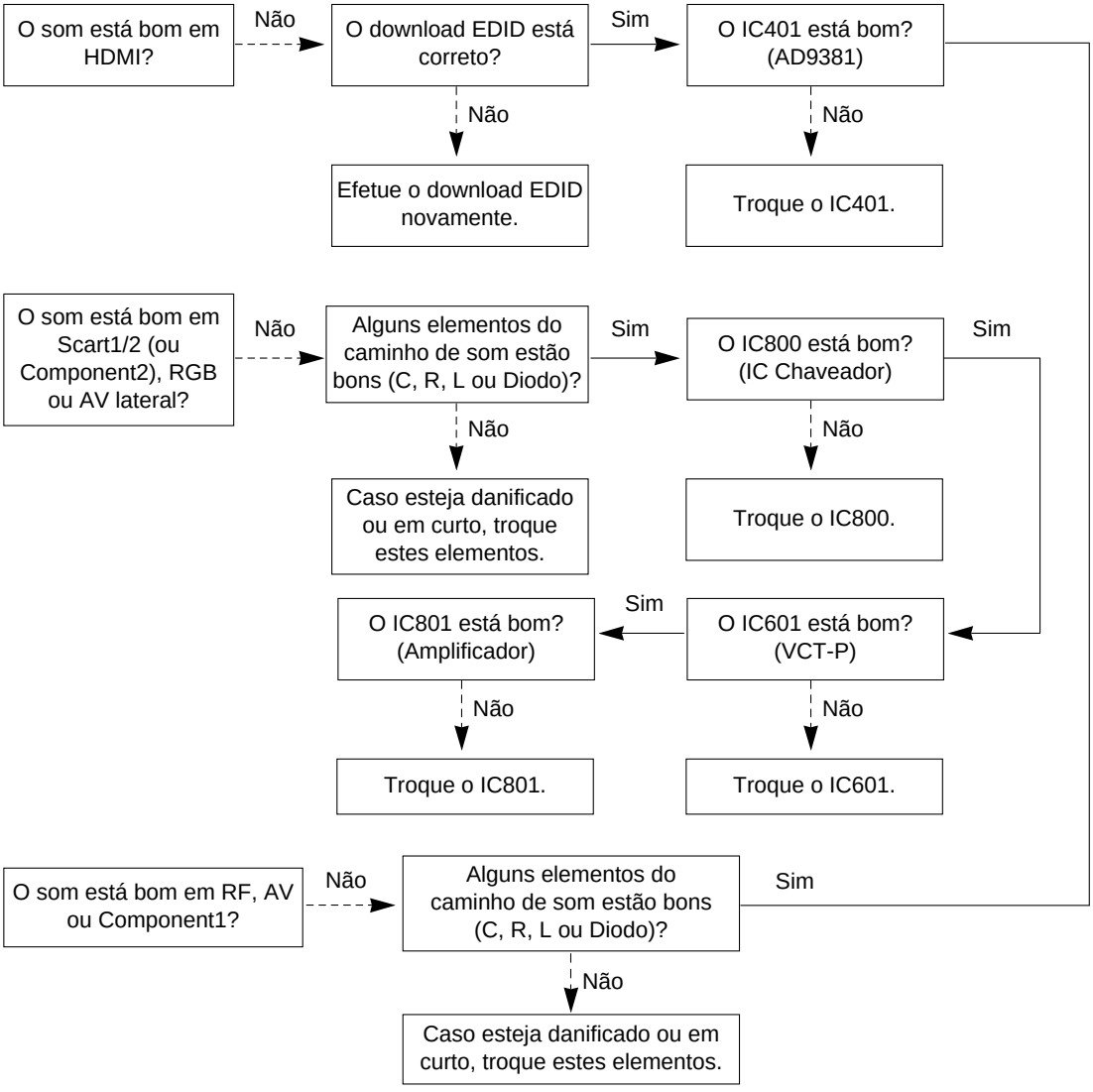


(2) Processo de Verificação

1) Seção do Speaker (Alto-Falante)



2) Seção da Placa Principal


O som está bom em HDMI?
Não
O download EDID está correto?
Sim
O IC401 está bom? (AD9381)
Não
Não
Efetue o download EDID novamente.
Troque o IC401.
O som está bom em Scart1/2 (ou Component2), RGB ou AV lateral?
Não
Alguns elementos do caminho de som estão bons (C, R, L ou Diodo)?
Sim
O IC800 está bom? (IC Chaveador)
Sim
Não
Não
Caso esteja danificado ou em curto, troque estes elementos.
Troque o IC800.
O IC801 está bom? (Amplificador)
Sim
O IC601 está bom? (VCT-P)
Não
Não
Troque o IC801.
Troque o IC601.
O som está bom em RF, AV ou Component1?
Não
Alguns elementos do caminho de som estão bons (C, R, L ou Diodo)?
Sim
Não
Caso esteja danificado ou em curto, troque estes elementos.

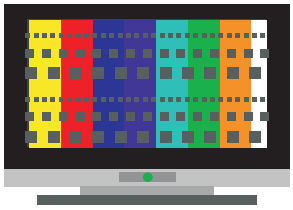
6. A Imagem é Mostrada de Forma Irregular

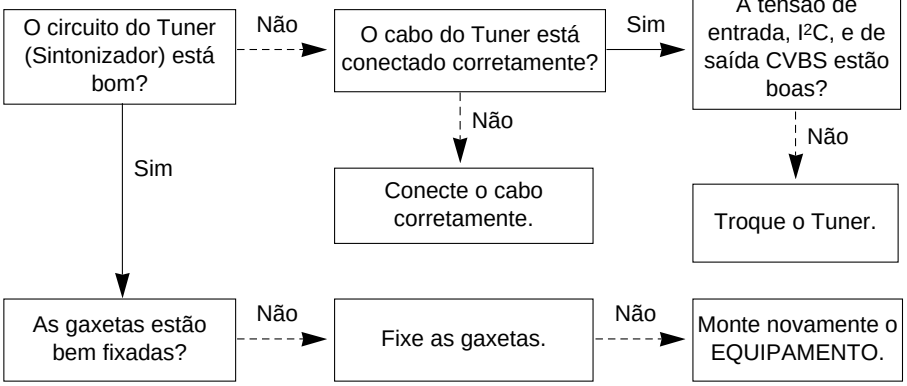
(1) Sintoma

1) Mostra a imagem de forma irregular em um modo específico.

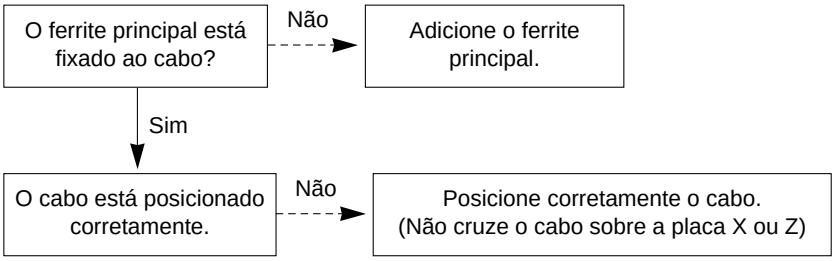
(2) Processo de Verificação

1) O ruído aparece no modo RF.





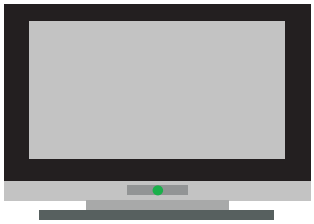
2) O ruído aparece no AV Lateral.


O ferrite principal está fixado ao cabo?
Não
Adicione o ferrite principal.
Sim
O cabo está posicionado corretamente.
Não
Posicione corretamente o cabo.
(Não cruze o cabo sobre a placa X ou Z)

7. Sem Imagem

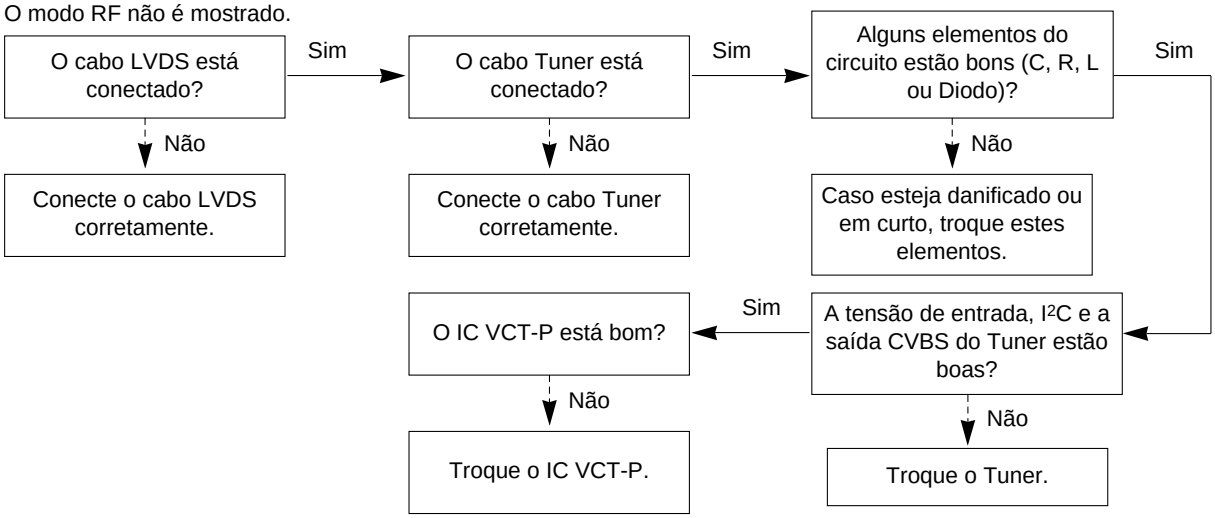
(1) Sintoma

1) Algum modo não mostra imagem.
2) O LED frontal está verde.
3) O equipamento ainda descarrega.

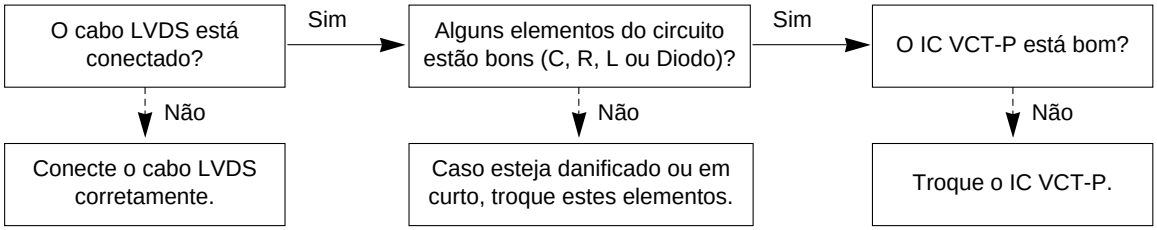


(2) Processo de Verificação

1) O modo RF não é mostrado.



2) O modo AV/Component não é mostrado.


O cabo LVDS está conectado?
Sim
Alguns elementos do circuito estão bons (C, R, L ou Diodo)?
Sim
O IC VCT-P está bom?
Não
Não
Não
Conecte o cabo LVDS corretamente.
Caso esteja danificado ou em curto, troque estes elementos.
Troque o IC VCT-P.

3) O modo RGB/HDMI não é mostrado.

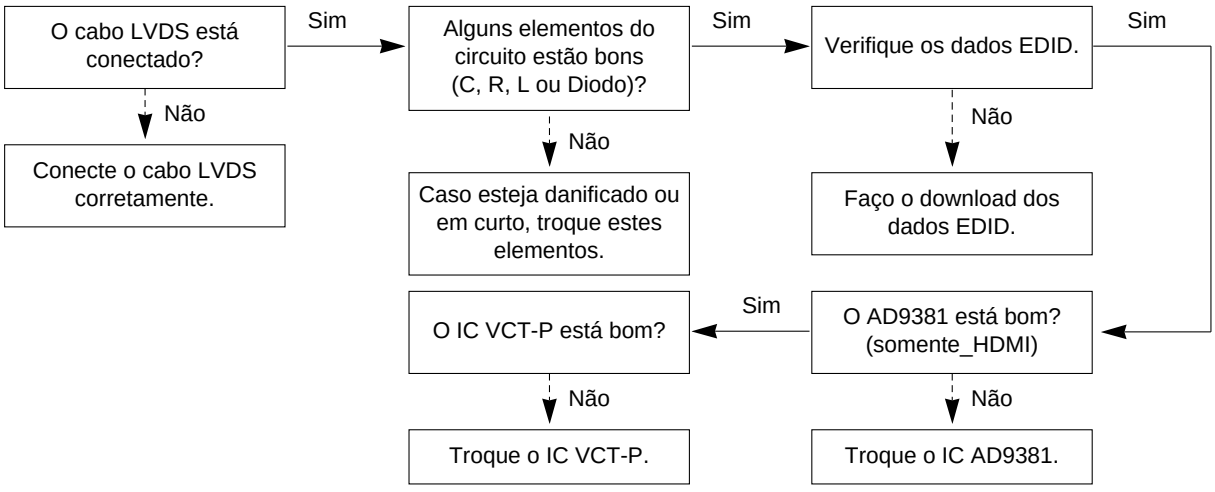
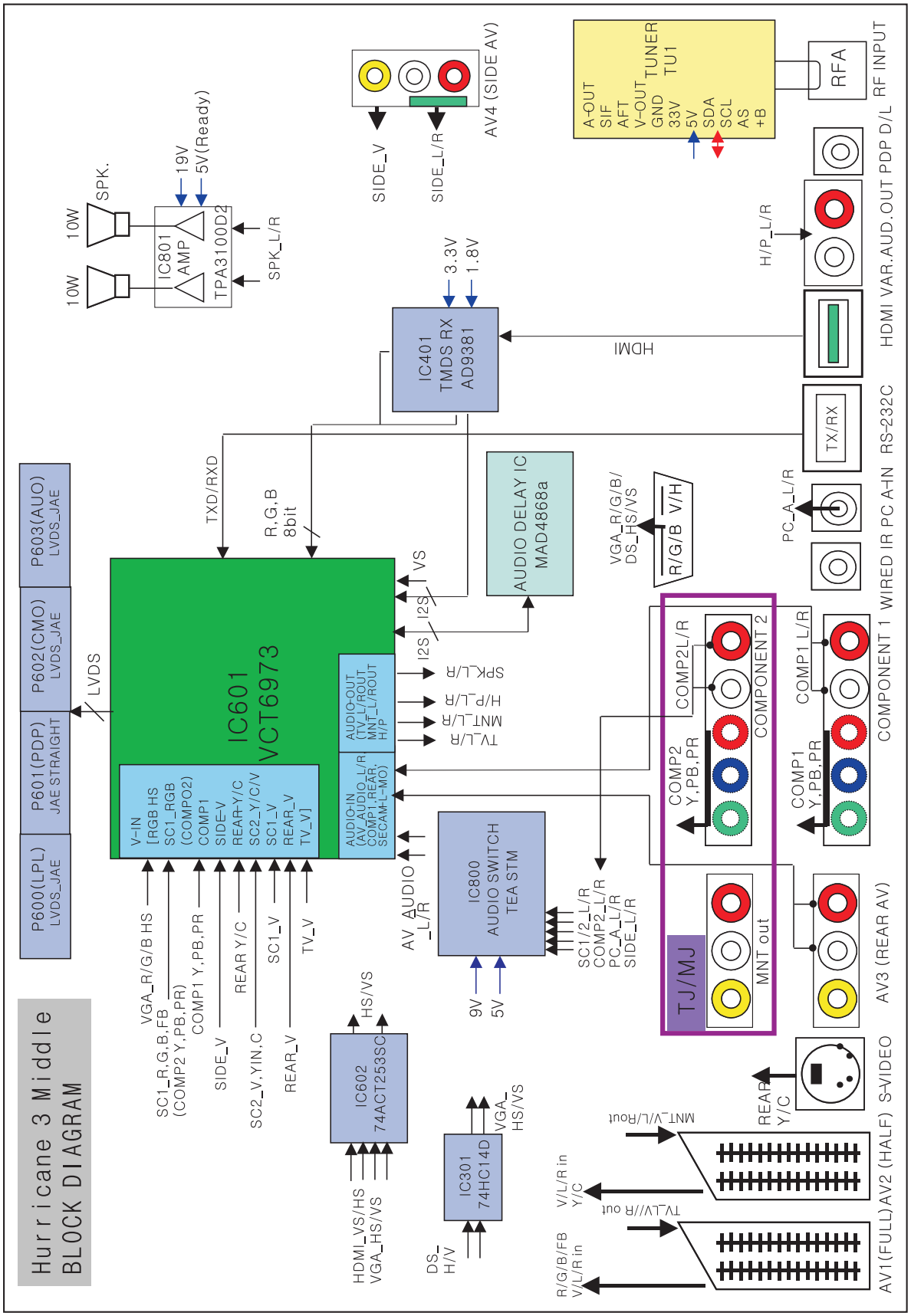
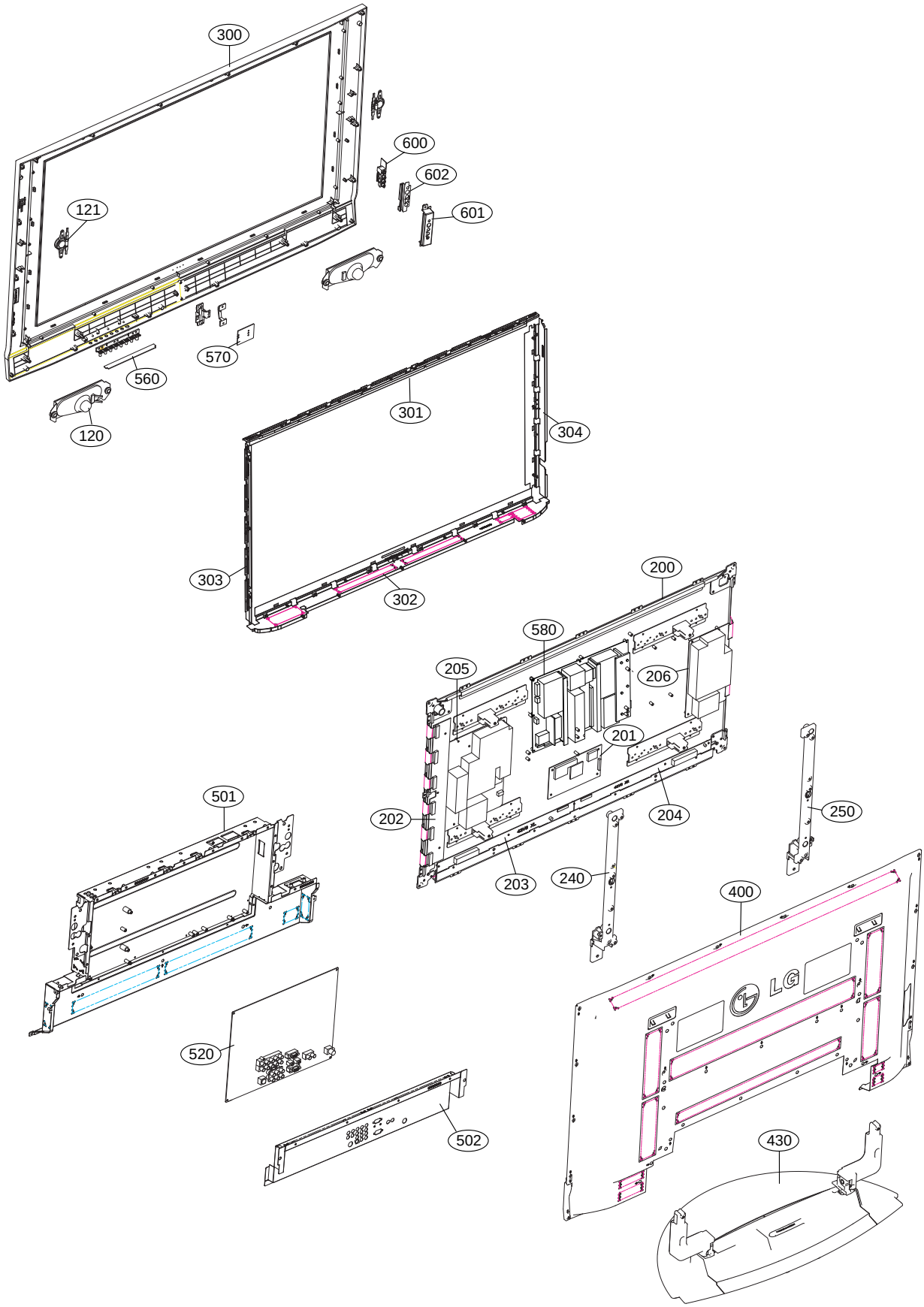


DIAGRAMA DE BLOCOS



VISTAS EXPLODIDAS



LISTA DAS VISTAS EXPLODIDAS

Pos. n°	Peça n°	Descrição da Peça
120	EAB30461901	Speaker Assembly,42PC1RV-MJ.KWZLLBZ LGEAZ WOOFER
121	EAB30461601	Speaker Assembly,42PC1RV-MJ.KWZLLBZ LGEAZ TWEETER
⚠ 200	6348Q-E113H	PDP,Module-VGA PDP42V80201.AKLGG VGA 42INCH 852X480 16/9
201	6871QCH074A	PCB Assembly,Display CTRL ASSY 42 42V8 4005 ASIC LVDS
202	6871QDH118A	PCB Assembly,Display YDRV ASSY 42 42V8 80PIN SCAN IC APLICATION
203	6871QLH057A	PCB Assembly,Display XRLT ASSY 42 42V8 XL 4004 ASIC LVDS
204	6871QRH067A	PCB Assembly,Display XRRT ASSY 42 42V8 XR 4004 ASIC LVDS
205	6871QYH048A	PCB Assembly,Display YSUS ASSY 42 42V8 Y SUS B/D
206	6871QZH053A	PCB Assembly,Display ZSUS ASSY 42 42V8
240	4980900109E	Supporter,PRESS AL 1.0 NON AL VERTICAL RIGHT LGEAZ
250	4980900109F	Supporter,CASTING AL NON AL VERTICAL LEFT LGEAZ
⚠ 300	30919E0854D	Cover Assembly,42PC1RV-MJ.KWZLLBZ PN61A 42 FOR LGEAZ
301	4980900113C	Supporter,PRESS AL 1.0 GUIDE AL FILTER TOP LGEAZ CKD PHANTOM
302	4980900114C	Supporter,PRESS AL 1.0 NON AL FILTER BOTTOM LGEAZ CKD PHANTOM
303	4980900115C	Supporter,PRESS AL 1.0 GUIDE AL FILTER RIGHT LGEAZ CKD PHANTOM
304	4980900116C	Supporter,PRESS AL 1.0 GUIDE AL FILTER LEFT LGEAZ CKD PHANTOM
⚠ 400	3809900103V	Cover Assembly,42PC1RV-MJ.KWZLLBZ PN61A 42 LGEAZ
430	3501900014K	Base Assembly,D/T SPK STAND AP-42DC11 FOLDING STAND LGEAZ
501	3301900095U	Plate Assembly,AV 42PC1RV-MJ LGEAZ ASSEMBLE PHANTOM
502	3301900094S	Plate Assembly,42PC1RV-MJ LGEAZ ASSEMBLE PHANTOM
520	68719MMV95A	PCB Assembly,Main PN61A 42PC1RV MJ
560	68719SMJ63B	PCB Assembly,Sub PN61A 42PC1RV-MJ KWZLLBZ LOCAL
570	68719SMJ64C	PCB Assembly,Sub PN61A 42PC1RV-MJ KWZLLBZ PREAMP+LED
⚠ 580	6709900019A	Power Supply Assembly,42INCH UNIFICATION PSU PDP LGIT 400W 42PB2D
600	68719SMJ74B	PCB Assembly,Sub PN61A 42PC1RV-MJ KWZLLBZ SIDEAV
601	4811900021H	Bracket Assembly,SIDE AV 42PC1RV-TH PP62A SKD
602	48149V0003A	Plate,PRESS SPTE T0.3 SIDE AV 42PC1R

LISTA DE PEÇAS DE REPOSIÇÃO

RUN DATE : 2006.4.3

Pos. n°	Peça n°	Descrição da Peça
IC		
IC1001	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W 5P
IC1002	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 5P
IC1003	0IMCRFA010A	KA7809R 11.5TO24V 9V 3P
IC300	0ICS240213A	CAT24WC02J-TE13 2KBIT 8P
IC301	0IPH741400E	74HC14D 2TO6V 14P
IC302	0IPRP00009A	ICL3232CBNZ 3.0TO5.5 16P
IC303	0ISTL00031A	MC74HC4066ADR2G MC74HC4066ADR2G 14P
IC400	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 8P
IC401	0IPRP00701A	AD9381KSTZ 3.15TO3.47 100P
IC500	0IPMGON013B	MC34063ADR2G 3TO40V 8P
IC600	0IFA752700A	KA75270Z 2.55TO2.85V 92P
IC601	0IPRP00689A	VCT6973G-FA-B2-000 208P
IC602	0IFA742530B	74ACT253SC 4.5TO5.5V 16P
IC603	0IMMRAL025A	AT24C32AN-10SI-2.7 32KBIT 8P
IC800	0IPRP00665A	TEA6420D 8TO10.2V 28P
IC801	0IPRP00700A	TPA3100D2PHPR 10TO26V 48P
IC802	0IPRP00743A	MAD4868A 3TO5.25V 44P
IC900	0IMCRRH001A	BA033FP-E2 4.3TO25V 3P
IC902	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 5P
IC903	0IMCRRH001A	BA033FP-E2 4.3TO25V 3P
TRANSISTOR		
Q101	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q102	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q103	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q108	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q109	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q110	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q111	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q112	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q113	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q300	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q301	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q400	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q401	0TR830009BA	FET,BSS83
Q402	0TR830009BA	FET,BSS83
Q502	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q503	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q504	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q505	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q506	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q507	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q508	0TR830009BA	FET,BSS83
Q509	0TR830009BA	FET,BSS83
Q510	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q511	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q512	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q513	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q605	0TRIH80004A	RT1P141C-T112 NPN -10V -50V
Q606	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q607	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q608	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q611	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q613	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q614	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q615	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q617	0TR150400BA	2SA1504S(ASY) PNP -5V -50V
Q801	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q802	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q901	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q902	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q903	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q904	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q905	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q906	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q907	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
Q908	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V
DIODE		
D1001	0DS226009AA	KDS226 1.2V 85V 300MA
D1002	0DS226009AA	KDS226 1.2V 85V 300MA
D1003	0DS226009AA	KDS226 1.2V 85V 300MA
D1004	0DL233309AC	LED,Chip SAM2333
D108	0DS226009AA	KDS226 1.2V 85V 300MA
D109	0DS226009AA	KDS226 1.2V 85V 300MA
D110	0DS226009AA	KDS226 1.2V 85V 300MA
D111	0DS226009AA	KDS226 1.2V 85V 300MA
D127	0DS226009AA	KDS226 1.2V 85V 300MA
D300	0DS226009AA	KDS226 1.2V 85V 300MA
D301	0DS226009AA	KDS226 1.2V 85V 300MA
D302	0DS226009AA	KDS226 1.2V 85V 300MA
D303	0DS226009AA	KDS226 1.2V 85V 300MA
D400	0DD184009AA	KDS184 KDS184 85V 300MA
D500	0DS113379BA	1SS133 1200MV 90V 400MA
D700	0DD184009AA	KDS184 KDS184 85V 300MA
D750	0DL233309AC	LED,Chip SAM2333
D800	0DD184009AA	KDS184 KDS184 85V 300MA
D801	0DD184009AA	KDS184 KDS184 85V 300MA
D900	0DS226009AA	KDS226 1.2V 85V 300MA
D902	0DS226009AA	KDS226 1.2V 85V 300MA
D903	0DS226009AA	KDS226 1.2V 85V 300MA
D905	0DD200009AF	RU2M 400V 1.2V 10UA 20A
D906	0DD200009AF	RU2M 400V 1.2V 10UA 20A
D907	0DD200009AF	RU2M 400V 1.2V 10UA 20A
LD101	0DLAU0410AA	LED,DIP SAW5670
ZD1000	0DZKE00048A	Zener,KDZ8.2V 8.2V

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
ZD300	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD301	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD303	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD304	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD305	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD308	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD309	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD310	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
ZD312	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
CAPACITOR		
C1000	0CK104CK56A	0603B104K500CT 100nF 10%
C1001	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1002	0CK104CK56A	0603B104K500CT 100nF 10%
C1003	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1004	0CK104CK56A	0603B104K500CT 100nF 10%
C1005	0CK104CK56A	0603B104K500CT 100nF 10%
C1006	0CK103CK56A	0603B103K500CT 10nF 10%
C1007	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1008	0CK103CK56A	0603B103K500CT 10nF 10%
C1009	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C101	0CH5101K416	C2012C0G1H101JT 100pF 5%
C1010	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1011	0CK103CK56A	0603B103K500CT 10nF 10%
C1012	0CK104CK56A	0603B104K500CT 100nF 10%
C1013	0CK104CK56A	0603B104K500CT 100nF 10%
C1014	0CK104CK56A	0603B104K500CT 100nF 10%
C1015	0CK104CK56A	0603B104K500CT 100nF 10%
C1016	0CE477EJ618	KMG5.0TP35VB470M 470uF 20%
C1017	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C1018	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20%
C1019	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C102	0CH5330K416	C2012C0G1H330JT 33pF 5%
C1020	0CE477EJ618	KMG5.0TP35VB470M 470uF 20%
C1021	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20%
C1022	0CK104CK56A	0603B104K500CT 100nF 10%
C1023	0CK104CK56A	0603B104K500CT 100nF 10%
C1024	0CK104CK56A	0603B104K500CT 100nF 10%
C1025	0CK104CK56A	0603B104K500CT 100nF 10%
C1026	0CK103CK56A	0603B103K500CT 10nF 10%
C1027	0CK104CK56A	0603B104K500CT 100nF 10%
C1029	0CK103CK56A	0603B103K500CT 10nF 10%
C103	0CE4763F618	ESF476M016T1A5E05G 47uF 20%
C1031	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1036	0CK104CK56A	0603B104K500CT 100nF 10%
C1037	0CK104CK56A	0603B104K500CT 100nF 10%
C1038	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C1039	0CK103CK56A	0603B103K500CT 10nF 10%
C104	0CE4763F618	ESF476M016T1A5E05G 47uF 20%
C1040	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C1043	0CK104CK56A	0603B104K500CT 100nF 10%
C1045	0CK104CK56A	0603B104K500CT 100nF 10%

Pos. n°	Peça n°	Descrição da Peça
C1046	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C1047	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1048	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C105	0CE4763F618	ESF476M016T1A5E05G 47uF 20%
C1050	0CK104CK56A	0603B104K500CT 100nF 10%
C1051	0CK104CK56A	0603B104K500CT 100nF 10%
C1052	0CK104CK56A	0603B104K500CT 100nF 10%
C1054	0CK104CK56A	0603B104K500CT 100nF 10%
C1056	0CK103CK56A	0603B103K500CT 10nF 10%
C1057	0CK103CK56A	0603B103K500CT 10nF 10%
C1058	0CK103CK56A	0603B103K500CT 10nF 10%
C1059	0CK104CK56A	0603B104K500CT 100nF 10%
C1061	0CK103CK56A	0603B103K500CT 10nF 10%
C1063	0CK103CK56A	0603B103K500CT 10nF 10%
C1064	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1065	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1066	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1068	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C1070	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C1071	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20%
C1072	0CK104CK56A	0603B104K500CT 100nF 10%
C1073	0CK103CK56A	0603B103K500CT 10nF 10%
C1074	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C112	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C114	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C116	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C120	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C159	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C160	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20%
C161	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20%
C162	0CC102CK41A	C1608C0G1H102JT 1nF 5%
C163	0CK103CK56A	0603B103K500CT 10nF 10%
C164	0CK103CK56A	0603B103K500CT 10nF 10%
C170	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20%
C171	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20%
C172	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C173	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C174	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C175	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C300	0CH5101K416	C2012C0G1H101JT 100pF 5%
C301	0CH5101K416	C2012C0G1H101JT 100pF 5%
C309	0CK103CK56A	0603B103K500CT 10nF 10%
C310	0CK103CK56A	0603B103K500CT 10nF 10%
C311	0CC470CK41A	C1608C0G1H470JT 47pF 5%
C312	0CK104CK56A	0603B104K500CT 100nF 10%
C313	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C316	0CC120CK41A	C1608C0G1H120JT 12pF 5%
C317	0CC120CK41A	C1608C0G1H120JT 12pF 5%
C332	0CK104CK56A	0603B104K500CT 100nF 10%
C333	0CK104CK56A	0603B104K500CT 100nF 10%
C334	0CK104CK56A	0603B104K500CT 100nF 10%
C335	0CK104CK56A	0603B104K500CT 100nF 10%

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Pos. n°	Peça n°	Descrição da Peça
C336	0CK104CK56A	0603B104K500CT 100nF 10%
C337	0CK104CK56A	0603B104K500CT 100nF 10%
C338	0CK104CK56A	0603B104K500CT 100nF 10%
C339	0CK104CK56A	0603B104K500CT 100nF 10%
C340	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C343	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C345	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C346	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C347	0CK104CF56A	0603B104K160CT 100nF 10%
C350	0CK103CK56A	0603B103K500CT 10nF 10%
C351	0CK104CK56A	0603B104K500CT 100nF 10%
C352	0CK104CK56A	0603B104K500CT 100nF 10%
C400	0CK104CK56A	0603B104K500CT 100nF 10%
C401	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C406	0CK104CK56A	0603B104K500CT 100nF 10%
C407	0CK104CK56A	0603B104K500CT 100nF 10%
C408	0CK104CK56A	0603B104K500CT 100nF 10%
C409	0CK104CK56A	0603B104K500CT 100nF 10%
C410	0CK102CK56A	0603B102K500CT 1nF 10%
C411	0CK102CK56A	0603B102K500CT 1nF 10%
C412	0CK104CK56A	0603B104K500CT 100nF 10%
C413	0CK104CK56A	0603B104K500CT 100nF 10%
C414	0CK104CK56A	0603B104K500CT 100nF 10%
C415	0CK104CK56A	0603B104K500CT 100nF 10%
C416	0CK104CK56A	0603B104K500CT 100nF 10%
C417	0CK102CK56A	0603B102K500CT 1nF 10%
C419	0CK104CK56A	0603B104K500CT 100nF 10%
C420	0CK102CK56A	0603B102K500CT 1nF 10%
C421	0CK104CK56A	0603B104K500CT 100nF 10%
C424	0CK104CK56A	0603B104K500CT 100nF 10%
C425	0CK104CK56A	0603B104K500CT 100nF 10%
C426	0CK104CK56A	0603B104K500CT 100nF 10%
C429	0CK822CK46A	0603B822J500CT 8.2nF 5%
C430	0CK823CF56A	0603B823K160CT 82nF 10%
C500	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C502	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C503	0CE475SK6DC	VMV475M050S0ANB010 4.7uF 20%
C506	0CK103CK56A	0603B103K500CT 10nF 10%
C507	0CK103CK56A	0603B103K500CT 10nF 10%
C508	0CC270CK41A	C1608C0G1H270JT 27pF 5%
C509	0CC270CK41A	C1608C0G1H270JT 27pF 5%
C511	0CK103CK56A	0603B103K500CT 10nF 10%
C512	0CC101CK41A	C1608C0G1H101JT 100pF 5%
C513	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C514	0CK273CK56A	0603B273K500CT 27nF 10%
C515	0CK103CK56A	0603B103K500CT 10nF 10%
C516	0CK104CK56A	0603B104K500CT 100nF 10%
C517	0CK273CK56A	0603B273K500CT 27nF 10%
C517	0CK103CK56A	0603B103K500CT 10nF 10%
C518	0CK104CK56A	0603B104K500CT 100nF 10%
C519	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C520	0CK104CK56A	0603B104K500CT 100nF 10%

Pos. n°	Peça n°	Descrição da Peça
C521	0CC271CK41A	C1608C0G1H271JT 270pF 5%
C522	0CC271CK41A	C1608C0G1H271JT 270pF 5%
C523	0CE476WK6DC	MVK8.0TP50VC47M 47uF 20%
C524	0CK104CK56A	0603B104K500CT 100nF 10%
C525	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C609	0CK104CK56A	0603B104K500CT 100nF 10%
C610	0CK104CK56A	0603B104K500CT 100nF 10%
C611	0CK104CK56A	0603B104K500CT 100nF 10%
C612	0CK104CK56A	0603B104K500CT 100nF 10%
C613	0CK104CK56A	0603B104K500CT 100nF 10%
C614	0CK104CK56A	0603B104K500CT 100nF 10%
C615	0CK104CK56A	0603B104K500CT 100nF 10%
C616	0CK104CK56A	0603B104K500CT 100nF 10%
C617	0CK104CK56A	0603B104K500CT 100nF 10%
C618	0CK104CK56A	0603B104K500CT 100nF 10%
C619	0CK104CK56A	0603B104K500CT 100nF 10%
C620	0CK104CK56A	0603B104K500CT 100nF 10%
C621	0CK104CK56A	0603B104K500CT 100nF 10%
C622	0CK104CK56A	0603B104K500CT 100nF 10%
C623	0CK104CK56A	0603B104K500CT 100nF 10%
C624	0CK104CK56A	0603B104K500CT 100nF 10%
C625	0CK104CK56A	0603B104K500CT 100nF 10%
C626	0CK103CK56A	0603B103K500CT 10nF 10%
C627	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C628	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C629	0CE475WJ6DC	MVK4.0TP35VC4.7M 4.7uF 20%
C630	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C631	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C632	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C633	0CK103CK56A	0603B103K500CT 10nF 10%
C634	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C635	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C636	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C637	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20%
C638	0CK104CK56A	0603B104K500CT 100nF 10%
C643	0CK332CK56A	C1608X7R1H332KT 3.3nF 10%
C645	0CK332CK56A	C1608X7R1H332KT 3.3nF 10%
C647	0CK332CK56A	C1608X7R1H332KT 3.3nF 10%
C648	0CK332CK56A	C1608X7R1H332KT 3.3nF 10%
C649	0CK104CK56A	0603B104K500CT 100nF 10%
C650	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C651	0CC560CK41A	C1608C0G1H560JT 56pF 5%
C652	0CC560CK41A	C1608C0G1H560JT 56pF 5%
C653	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C654	0CK103CK56A	0603B103K500CT 10nF 10%
C655	0CC220CK41A	C1608C0G1H220JT 22pF 5%
C657	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C658	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C659	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C660	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C661	0CK104CK56A	0603B104K500CT 100nF 10%
C662	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+80%

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Pos. n°	Peça n°	Descrição da Peça
C663	0CK104CK56A	0603B104K500CT 100nF 10%
C664	0CK104CK56A	0603B104K500CT 100nF 10%
C665	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+80%
C666	0CK225DD66A	LMK212JB225MG-T 2.2uF 20%
C673	0CC220CK41A	C1608C0G1H220JT 22pF 5%
C674	0CC220CK41A	C1608C0G1H220JT 22pF 5%
C676	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C677	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C682	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C683	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C684	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C685	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C686	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C687	0CK104CK56A	0603B104K500CT 100nF 10%
C688	0CK104CK56A	0603B104K500CT 100nF 10%
C688	0CK104CK56A	0603B104K500CT 100nF 10%
C693	0CK104CK56A	0603B104K500CT 100nF 10%
C694	0CK104CK56A	0603B104K500CT 100nF 10%
C695	0CK104CK56A	0603B104K500CT 100nF 10%
C696	0CK104CK56A	0603B104K500CT 100nF 10%
C697	0CK104CK56A	0603B104K500CT 100nF 10%
C704	0CK104CK56A	0603B104K500CT 100nF 10%
C705	0CK104CK56A	0603B104K500CT 100nF 10%
C713	0CK104CK56A	0603B104K500CT 100nF 10%
C719	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C721	0CK104CK56A	0603B104K500CT 100nF 10%
C726	0CK104CK56A	0603B104K500CT 100nF 10%
C727	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C729	0CK104CK56A	0603B104K500CT 100nF 10%
C733	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C735	0CK104CK56A	0603B104K500CT 100nF 10%
C739	0CK104CK56A	0603B104K500CT 100nF 10%
C743	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C744	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%
C749	0CK104CK56A	0603B104K500CT 100nF 10%
C750	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+80%
C753	0CK104CK56A	0603B104K500CT 100nF 10%
C756	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C757	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20%
C758	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C759	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C760	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C761	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C762	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C763	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C764	0CK106EF56A	C3216X7R1C106KT 10uF 10%
C764	0CK103CK56A	0603B103K500CT 10nF 10%
C765	0CK106EF56A	C3216X7R1C106KT 10uF 10%
C766	0CK106EF56A	C3216X7R1C106KT 10uF 10%
C800	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C801	0CK103CK56A	0603B103K500CT 10nF 10%
C802	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20%

Pos. n°	Peça n°	Descrição da Peça
C803	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C804	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C806	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C807	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C816	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+80%
C820	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+80%
C821	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C822	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C823	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C824	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C825	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C827	0CC471CK41A	C1608C0G1H471JT 470pF 5%
C828	0CE107WK6DC	MVK10TP50VC100M 100uF 20%
C829	0CC471CK41A	C1608C0G1H471JT 470pF 5%
C830	0CK103CK56A	0603B103K500CT 10nF 10%
C831	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C832	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C833	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C834	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C835	0CK475EF67A	C3216X5R1C475MT 4.7uF 20%
C836	0CK104CK56A	0603B104K500CT 100nF 10%
C838	0CK104CK56A	0603B104K500CT 100nF 10%
C839	0CK104CK56A	0603B104K500CT 100nF 10%
C840	0CK102CK56A	0603B102K500CT 1nF 10%
C842	0CK102CK56A	0603B102K500CT 1nF 10%
C845	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C848	0CK104CK56A	0603B104K500CT 100nF 10%
C849	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C850	0CK104CK56A	0603B104K500CT 100nF 10%
C851	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C853	0CK103CK56A	0603B103K500CT 10nF 10%
C854	0CK224CF56A	0603B224K160CT 220nF 10%
C855	0CK224CF56A	0603B224K160CT 220nF 10%
C856	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C857	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C858	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C859	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C860	0CE227WJ6DC	MVK10TP35VC220M 220uF 20%
C861	0CE227WJ6DC	MVK10TP35VC220M 220uF 20%
C862	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C863	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20%
C864	0CK224CF56A	0603B224K160CT 220nF 10%
C865	0CK224CF56A	0603B224K160CT 220nF 10%
C866	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C867	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10%
C868	0CE475WJ6DC	MVK4.0TP35VC4.7M 4.7uF 20%
C869	0CE475WJ6DC	MVK4.0TP35VC4.7M 4.7uF 20%
C906	0CK104CK56A	0603B104K500CT 100nF 10%
C908	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C912	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C915	0CK474CH94A	0603F474Z250CT 470nF -20TO+80%
C916	0CK104CK56A	0603B104K500CT 100nF 10%

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Pos. n°	Peça n°	Descrição da Peça
C917	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C919	0CK104CK56A	0603B104K500CT 100nF 10%
C921	0CK103CK56A	0603B103K500CT 10nF 10%
C922	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C926	0CK104CK56A	0603B104K500CT 100nF 10%
C927	0CK104CK56A	0603B104K500CT 100nF 10%
C928	0CK103CK56A	0603B103K500CT 10nF 10%
C929	0CK103CK56A	0603B103K500CT 10nF 10%
C930	0CK104CK56A	0603B104K500CT 100nF 10%
C931	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C932	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C933	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C934	0CK104CK56A	0603B104K500CT 100nF 10%
C935	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C936	0CK104CK56A	0603B104K500CT 100nF 10%
C937	0CK104CK56A	0603B104K500CT 100nF 10%
C938	0CK104CK56A	0603B104K500CT 100nF 10%
C939	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C941	0CK103CK56A	0603B103K500CT 10nF 10%
C942	0CK103CK56A	0603B103K500CT 10nF 10%
C943	0CK103CK56A	0603B103K500CT 10nF 10%
C945	0CK104CK56A	0603B104K500CT 100nF 10%
C946	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C946	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C947	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C947	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C948	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C948	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C949	0CK103CK56A	0603B103K500CT 10nF 10%
C950	0CK104CK56A	0603B104K500CT 100nF 10%
C951	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C953	0CE477WF6DC	MVK10TP16VC470M 470uF 20%
C955	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
C957	0CK104CK56A	0603B104K500CT 100nF 10%
C958	0CK104CK56A	0603B104K500CT 100nF 10%
C959	0CK104CK56A	0603B104K500CT 100nF 10%
C960	0CK104CK56A	0603B104K500CT 100nF 10%
C961	0CK104CK56A	0603B104K500CT 100nF 10%
C962	0CK104CK56A	0603B104K500CT 100nF 10%
C963	0CK104CK56A	0603B104K500CT 100nF 10%
C964	0CK104CK56A	0603B104K500CT 100nF 10%
C965	0CK104CK56A	0603B104K500CT 100nF 10%
C967	0CK103CK56A	0603B103K500CT 10nF 10%
C968	0CK103CK56A	0603B103K500CT 10nF 10%
C969	0CK103CK56A	0603B103K500CT 10nF 10%
C970	0CK103CK56A	0603B103K500CT 10nF 10%
C972	0CK103CK56A	0603B103K500CT 10nF 10%
C973	0CK103CK56A	0603B103K500CT 10nF 10%
C974	0CK103CK56A	0603B103K500CT 10nF 10%
C975	0CK103CK56A	0603B103K500CT 10nF 10%
C976	0CK103CK56A	0603B103K500CT 10nF 10%
C978	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C979	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C980	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C981	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C982	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C983	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C984	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C985	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C986	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20%
C988	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20%
C989	0CK103CK56A	0603B103K500CT 10nF 10%

COIL & TRANSFORMER

L1004	6140VB0004B	Coil,Choke 26uH
L101	0LC1032101A	Inductor,Chip FI-C3216-103KJT 10UH 10%
L102	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L103	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L104	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L105	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L106	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L107	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L108	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L109	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L118	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L119	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L120	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L121	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L503	0LCML00020G	Inductor,Chip MLI-201209-3R3K 3.3UH 10%
L504	0LC6461201A	Inductor,Chip D75C-646CY-121M=P3 120UH 20%
L801	6140VR0008A	Inductor,Chip SLF12575T-330M3R2 33UH 20%
L802	6140VR0008A	Inductor,Chip SLF12575T-330M3R2 33UH 20%
L804	0LCML00020C	Inductor,Chip MLI-201212-100K 10UH 10%
L805	0LCML00020C	Inductor,Chip MLI-201212-100K 10UH 10%
L808	6140VR0008A	Inductor,Chip SLF12575T-330M3R2 33UH 20%
L809	6140VR0008A	Inductor,Chip SLF12575T-330M3R2 33UH 20%
L910	6140VB0004B	Coil,Choke 26uH

CONNECTOR & WAFER

C1	6631900012C	Harness,Single 2.50MM 10P
C2	6631900027E	Harness,Single 2.50MM 13P
C3	6631900048C	Harness,Single 2.00MM 4P
C4	6631900050C	Harness,Single 2.00MM 10P
C5	6631900097G	Harness,Single 2.50MM 3P
C6	6631900098G	Harness,Single 2.50MM 4P
C7	6631900108B	Harness,Single 2.00MM 6P
C8	6631T39004D	Harness,Single 3.96MM 9P
C9	6631V39013N	Harness,Single 3.96MM 8P
JK102	6612J00042F	Conector,RF UCT-EX-061
JK303	6630G70016A	Conector,DSUB 15P 2.29MM
JK304	6630G70017A	Conector,DSUB 9P 2.77MM
P1	6602T20009C	Conector,Wafer 4P 2.00MM
P100	6602T20009J	Conector,Wafer 10P 2.00MM
P1001	6602T25008J	Conector,Wafer 10P 0.40MM

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RN : Metal Film
RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
P101	6602T20009C	Conector,Wafer 4P 2.00MM
P300	6602T20009E	Conector,Wafer 6P 2.00MM
P300	6602T20009E	Conector,Wafer 6P 2.00MM
P301	6602T20008J	Conector,Wafer 10P 2.00MM
P302	6630V25002F	Conector,BtoB 14P 2.54MM
P303	366-932B	Conector,Wafer 3P 2.50MM
P601	6602T12007D	Conector,Wafer 31P 1.25MM
P801	6602T25008C	Conector,Wafer 4P 2.50MM
P802	6602T25008B	Conector,Wafer 3P 2.50MM
P900	6602T25008M	Conector,Wafer 13P 2.50MM
	JACK	
JK103	6612J10031A	Jack,RCA PPJ209-02 14.0MM
JK104	6612J10031A	Jack,RCA PPJ209-02 14.0MM
JK105	6612J10006M	Jack,RCA PPJ150-09 14.0MM
JK106	6612F00024C	Jack,DIN PSJ014-01
JK300	6612F00099A	Jack,Phone PEJ024-01 1P 4P
JK300	6612J10003X	Jack,RCA PMJ6054-39 14.0MM
JK301	6612F00099A	Jack,Phone PEJ024-01 1P 4P
JK302	6612F00099A	Jack,Phone PEJ024-01 1P 4P
JK400	6612B00015B	Jack,DIN DC1R019WDH
JK800	6612J10043A	Jack,RCA RCA-1302A-54G
	RESISTOR	
AR600	0RJ0000C687	RCA86TRJ0000 0OHM 5%
AR601	0RJ0000C687	RCA86TRJ0000 0OHM 5%
AR602	0RJ0000C687	RCA86TRJ0000 0OHM 5%
C644	0RJ0000D677	MCR03EZPJ000 0OHM 5%
C646	0RJ0000D677	MCR03EZPJ000 0OHM 5%
L922	0RH0332D622	MCR10EZHJ330 33OHM 5%
R1000	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5%
R1001	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R1002	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R1003	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R1004	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R1005	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R1006	0RJ2002D677	MCR03EZPJ2002 20KOHM 5%
R1009	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R101	0RH9101D622	MCR10EZHJ912 9.1KOHM 5%
R101	0RH0000D622	MCR10EZHJ000 0OHM 5%
R1011	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R102	0RH3301D622	MCR10EZHJ332 3.3KOHM 5%
R102	0RH0000D622	MCR10EZHJ000 0OHM 5%
R103	0RH1101D622	MCR10EZHJ112 1.1KOHM 5%
R103	0RH0000D622	MCR10EZHJ000 0OHM 5%
R104	0RH0000D622	MCR10EZHJ000 0OHM 5%
R104	0RH5600D622	MCR10EZHJ561 560OHM 5%
R105	0RH9101D622	MCR10EZHJ912 9.1KOHM 5%
R105	0RH6801D622	MCR10EZHJ682 6.8KOHM 5%
R106	0RH3301D622	MCR10EZHJ332 3.3KOHM 5%
R106	0RH0000D622	MCR10EZHJ000 0OHM 5%
R107	0RH1101D622	MCR10EZHJ112 1.1KOHM 5%

Pos. n°	Peça n°	Descrição da Peça
R107	0RH0000D622	MCR10EZHJ000 0OHM 5%
R108	0RH0000D622	MCR10EZHJ000 0OHM 5%
R108	0RH3901D622	MCR10EZHJ392 3.9KOHM 5%
R109	0RH0000D622	MCR10EZHJ000 0OHM 5%
R117	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R119	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R121	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R123	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R129	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R130	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R132	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R133	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R134	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R135	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R136	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R137	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R141	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R141	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R149	0RJ2000D677	MCR03EZPJ201 200OHM 5%
R165	0RJ0822D677	MCR03EZPJ820 82OHM 5%
R166	0RJ0822D677	MCR03EZPJ820 82OHM 5%
R171	0RJ0822D677	MCR03EZPJ820 82OHM 5%
R172	0RJ0822D677	MCR03EZPJ820 82OHM 5%
R174	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R175	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R176	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R177	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R178	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R179	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R180	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R181	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R182	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R183	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R184	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R185	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R186	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R187	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R188	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R189	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R190	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R191	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R192	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R193	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R194	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R195	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R196	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R197	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R198	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R199	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R200	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R201	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R204	0RJ1002D677	MCR03EZPJ103 10KOHM 5%

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
R206	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R208	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R209	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R210	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R211	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R212	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R213	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R214	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R215	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R217	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R218	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R219	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R220	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R222	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R223	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R224	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R225	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R226	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R227	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R228	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R229	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R300	0RH2203D622	MCR10EZHJ224 220KOHM 5%
R300	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R301	0RH2203D622	MCR10EZHJ224 220KOHM 5%
R301	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R302	0RH0752D622	MCR10EZHJ750 75OHM 5%
R302	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R303	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R303	0RH4700D622	MCR10EZHJ471 470OHM 5%
R304	0RJ2203D677	MCR03EZPJ224 220KOHM 5%
R304	0RH4700D622	MCR10EZHJ471 470OHM 5%
R305	0RH0000D622	MCR10EZHJ000 0OHM 5%
R306	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R307	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R308	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R309	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R310	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R311	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R312	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R313	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R314	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R314	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R315	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R316	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R317	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R318	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R319	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R320	0RJ0752D677	MCR03EZPJ750 75OHM 5%
R321	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R322	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R323	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R323	0RJ1002D677	MCR03EZPJ103 10KOHM 5%

Pos. n°	Peça n°	Descrição da Peça
R324	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R326	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R327	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R328	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R329	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R330	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R331	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R332	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R333	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R334	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R335	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R338	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R339	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R343	0RJ2002D677	MCR03EZPJ2002 20KOHM 5%
R344	0RJ2002D677	MCR03EZPJ2002 20KOHM 5%
R345	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R346	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R347	0RJ3001D677	MCR03EZPJ302 3KOHM 5%
R348	0RJ3001D677	MCR03EZPJ302 3KOHM 5%
R349	0RJ2202D677	MCR03EZPJ223 22KOHM 5%
R350	0RJ2202D677	MCR03EZPJ223 22KOHM 5%
R351	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R352	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R355	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R358	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R360	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R361	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R362	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R366	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R367	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R370	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R372	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R373	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R378	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R379	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R380	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R381	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R382	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R383	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R384	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R384	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R385	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R386	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R387	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R388	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R389	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R390	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R391	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R401	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R402	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R404	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R405	0RJ1001D677	MCR03EZPJ102 1KOHM 5%

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
R406	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R407	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R417	0RJ4702D677	MCR03EZPJ473 47KOHM 5%
R418	0RJ4702D677	MCR03EZPJ473 47KOHM 5%
R421	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R422	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R423	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R424	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R425	0RJ4990D477	MCR03EZPF4990 499OHM 1%
R426	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R427	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R428	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R433	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R434	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R435	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R436	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R437	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R438	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R441	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R442	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R451	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5%
R502	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R503	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R506	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R507	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R508	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R509	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R510	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R511	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R512	0RJ0822D677	MCR03EZPJ820 82OHM 5%
R513	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R514	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R515	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R516	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R517	0RJ3901D677	MCR03EZPJ392 3.9KOHM 5%
R518	0RJ2000D677	MCR03EZPJ201 200OHM 5%
R519	0RJ2400D677	MCR03EZPJ241 240OHM 5%
R519	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R520	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R520	0RJ2000D677	MCR03EZPJ201 200OHM 5%
R521	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R523	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R525	0RD0331H609	RD-92T1J3R30 3300MOHM 5%
R526	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R528	0RJ1800D677	MCR03EZPJ181 180OHM 5%
R529	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R531	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R532	0RJ3002D677	MCR03EZPJ303 30KOHM 5%
R533	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5%
R534	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R535	0RJ4702D677	MCR03EZPJ473 47KOHM 5%
R536	0RJ1001D677	MCR03EZPJ102 1KOHM 5%

Pos. n°	Peça n°	Descrição da Peça
R539	0RJ2702D677	MCR03EZPJ273 27KOHM 5%
R540	0RJ7501D677	MCR03EZPJ752 7.5KOHM 5%
R600	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R601	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R603	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R604	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R615	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R616	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R617	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R620	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R621	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R627	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R628	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R629	0RJ1500D677	MCR03EZPJ151 150OHM 5%
R630	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R631	0RJ1500D677	MCR03EZPJ151 150OHM 5%
R632	0RJ1802D677	MCR03EZPJ183 18KOHM 5%
R633	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R634	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R635	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R636	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R637	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R638	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R640	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R645	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R646	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R647	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R648	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R649	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R650	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R651	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R652	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R653	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R654	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R656	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R657	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R658	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R660	0RJ8201D677	MCR03EZPJ822 8.2KOHM 5%
R662	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R663	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R664	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R665	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R666	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R667	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R668	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R670	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R671	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R672	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R673	0RJ6201D677	MCR03EZPJ622 6.2KOHM 5%
R675	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R676	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R677	0RJ1000D677	MCR03EZPJ101 100OHM 5%

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
R678	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R679	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R680	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R681	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R683	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R684	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R685	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R686	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R687	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R689	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R690	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R691	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R692	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R693	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R694	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R695	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R697	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R698	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R699	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R700	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R701	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R702	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R703	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R704	0RJ6202D677	MCR03EZPJ623 62KOHM 5%
R705	0RJ2402D677	MCR03EZPJ243 24KOHM 5%
R708	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5%
R709	0RJ4700D677	MCR03EZPJ471 470OHM 5%
R711	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R712	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R713	0RJ0222D677	MCR03EZPJ220 22OHM 5%
R714	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R715	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R716	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R717	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R718	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R719	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R720	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R721	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R722	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R723	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R724	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R725	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R726	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R727	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R728	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R729	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R730	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R732	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R733	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R734	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R735	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R736	0RJ1000D677	MCR03EZPJ101 100OHM 5%

Pos. n°	Peça n°	Descrição da Peça
R737	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R738	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R742	0RJ6201D677	MCR03EZPJ622 6.2KOHM 5%
R744	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R747	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R748	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R749	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R750	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R751	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R752	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R753	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R756	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R757	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R758	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R759	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R760	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R761	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R762	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R763	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R764	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R765	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R766	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R767	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R768	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R769	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R771	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R772	0RJ2200D677	MCR03EZPJ221 220OHM 5%
R781	0RJ3001D677	MCR03EZPJ302 3KOHM 5%
R782	0RJ3001D677	MCR03EZPJ302 3KOHM 5%
R783	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R784	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R785	0RJ1500D677	MCR03EZPJ151 150OHM 5%
R785	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R786	0RJ1802D677	MCR03EZPJ183 18KOHM 5%
R800	0RJ1000D477	MCR03EZPF101 100OHM 1%
R801	0RJ1000D477	MCR03EZPF101 100OHM 1%
R802	0RJ1000D477	MCR03EZPF101 100OHM 1%
R803	0RJ1000D477	MCR03EZPF101 100OHM 1%
R804	0RJ1000D477	MCR03EZPF101 100OHM 1%
R805	0RJ1000D477	MCR03EZPF101 100OHM 1%
R806	0RJ1000D477	MCR03EZPF101 100OHM 1%
R807	0RJ1000D477	MCR03EZPF101 100OHM 1%
R808	0RJ1000D477	MCR03EZPF101 100OHM 1%
R809	0RJ1000D477	MCR03EZPF101 100OHM 1%
R810	0RJ1000D477	MCR03EZPF101 100OHM 1%
R811	0RJ1000D477	MCR03EZPF101 100OHM 1%
R812	0RJ1000D477	MCR03EZPF101 100OHM 1%
R813	0RJ1000D477	MCR03EZPF101 100OHM 1%
R816	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R822	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R823	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R828	0RJ4703D677	MCR03EZPJ474 470KOHM 5%

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

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CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

Pos. n°	Peça n°	Descrição da Peça
R829	0RJ4703D677	MCR03EZPJ474 470KOHM 5%
R833	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R834	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R838	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R839	0RJ2001D677	MCR03EZPJ202 2KOHM 5%
R843	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R844	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R847	0RJ1003D677	MCR03EZPJ104 100KOHM 5%
R848	0RJ1000D677	MCR03EZPJ101 100OHM 5%
R849	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R850	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R851	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R852	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R855	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R856	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R857	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R858	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R861	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R862	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R863	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R864	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R865	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R866	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R867	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R868	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R869	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R870	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R871	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R872	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R873	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R874	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R875	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R876	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R902	0RJ1001D677	MCR03EZPJ102 1KOHM 5%
R903	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R905	0RJ2000D677	MCR03EZPJ201 200OHM 5%
R906	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R909	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R910	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R912	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R913	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R916	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R918	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R919	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R920	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R921	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R922	0RJ1102D677	MCR03EZPJ113 11KOHM 5%
R923	0RJ2002D677	MCR03EZPJ2002 20KOHM 5%
R924	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R925	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R926	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5%
R927	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R928	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R929	0RJ1002D677	MCR03EZPJ103 10KOHM 5%
R933	0RH0000D622	MCR10EZHJ000 0OHM 5%
R934	0RH0000D622	MCR10EZHJ000 0OHM 5%
R935	0RH0000D622	MCR10EZHJ000 0OHM 5%
R937	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R938	0RJ0000D677	MCR03EZPJ000 0OHM 5%
R941	0RJ0000D677	MCR03EZPJ000 0OHM 5%
SWITCH		
SW101	140-313B	Switch,Tact KPT-1115AM 1C1P
SW102	140-313B	Switch,Tact KPT-1115AM 1C1P
SW103	140-313B	Switch,Tact KPT-1115AM 1C1P
SW104	140-313B	Switch,Tact KPT-1115AM 1C1P
SW105	140-313B	Switch,Tact KPT-1115AM 1C1P
SW106	140-313B	Switch,Tact KPT-1115AM 1C1P
SW107	140-313B	Switch,Tact KPT-1115AM 1C1P
SW108	140-313B	Switch,Tact KPT-1115AM 1C1P
SW501	6600VR1004A	Switch,Tact SKHMPWE010 1C1P
FILTER & CRYSTAL		
AR400	6210TCE002B	Filter,Bead HB-4M3216-121JT
AR401	6210TCE002B	Filter,Bead HB-4M3216-121JT
AR402	6210TCE002B	Filter,Bead HB-4M3216-121JT
AR403	6210TCE002B	Filter,Bead HB-4M3216-121JT
AR404	6210TCE002B	Filter,Bead HB-4M3216-121JT
AR405	6210TCE002B	Filter,Bead HB-4M3216-121JT
F1	6200J000115	Filter,AC Line IJ-E06CE-SL1
F2	6210VH0004A	Filter,Ferrite Core 6210VH0004A
F3	6210VH0004B	Filter,Ferrite Core ZCAT1518-0730-M-K
L1000	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1001	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1002	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1007	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1008	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1010	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1011	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1012	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1015	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1016	6200J000013	Filter,Bead MLB-321611-0500P-N2
L1018	6200J000013	Filter,Bead MLB-321611-0500P-N2
L112	6200J00005F	Filter,Bead HB-1M1608-102JT
L113	6200J00005F	Filter,Bead HB-1M1608-102JT
L114	6200J00005F	Filter,Bead HB-1M1608-102JT
L115	6200J00005F	Filter,Bead HB-1M1608-102JT
L300	6200JB8010L	Filter,Bead MLB-201209-1000L-N2
L301	6200JB8010L	Filter,Bead MLB-201209-1000L-N2
L302	6200J000013	Filter,Bead MLB-321611-0500P-N2
L303	6200J000013	Filter,Bead MLB-321611-0500P-N2
L304	6210TCE001E	Filter,Bead HB-1M2012-800JT 80OHM
L305	6200J000013	Filter,Bead MLB-321611-0500P-N2
L306	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM

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Pos. n°	Peça n°	Descrição da Peça
L307	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L308	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L309	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L310	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L400	6200J000013	Filter,Bead MLB-321611-0500P-N2
L401	6200J000013	Filter,Bead MLB-321611-0500P-N2
L402	6200J000013	Filter,Bead MLB-321611-0500P-N2
L501	6200J000013	Filter,Bead MLB-321611-0500P-N2
L502	6200J000013	Filter,Bead MLB-321611-0500P-N2
L806	6200J000013	Filter,Bead MLB-321611-0500P-N2
L813	6200J000013	Filter,Bead MLB-321611-0500P-N2
L814	6200J000013	Filter,Bead MLB-321611-0500P-N2
L815	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L816	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L817	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L818	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L819	6200J000013	Filter,Bead MLB-321611-0500P-N2
L820	6200J000013	Filter,Bead MLB-321611-0500P-N2
L904	6200J000013	Filter,Bead MLB-321611-0500P-N2
L905	6200J000013	Filter,Bead MLB-321611-0500P-N2
L906	6200J000013	Filter,Bead MLB-321611-0500P-N2
L913	6200J000013	Filter,Bead MLB-321611-0500P-N2
L914	6200J000013	Filter,Bead MLB-321611-0500P-N2
L915	6200J000013	Filter,Bead MLB-321611-0500P-N2
L916	6200J000013	Filter,Bead MLB-321611-0500P-N2
L917	6200J000013	Filter,Bead MLB-321611-0500P-N2
L918	6200J000013	Filter,Bead MLB-321611-0500P-N2
L919	6200J000013	Filter,Bead MLB-321611-0500P-N2
L920	6200J000013	Filter,Bead MLB-321611-0500P-N2
L921	6200J000013	Filter,Bead MLB-321611-0500P-N2
L922	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L923	6210TCE001P	Filter,Bead HB-1S2012-121JT 120OHM
L924	6200J000013	Filter,Bead MLB-321611-0500P-N2
X600	6202VDT002E	Crystal,SX-1 20.25MHZ
MISCELLANEOUS		
C10	68509A0004U	Cable,Assembly RCA R/A TO RCA
C11	6850J00005C	Cable,Assembly GT121
IC01	SAA30014001	S/W,Firmware V2.00 BFB9
PA101	6712000011B	Receiver Module,KSM-2013TE2A
TU1	6700NF0025C	Tuner,Analog TAFV-H303P
ACCESSORIES		
A1	38289U0577D	Manual,USER
A2	6710900010Q	Remote Controller FOR LGEAZ CKD
A3	6410TEW010A	Power Cord,LP-34A&H05VV-FX3C

Pos. n°	Peça n°	Descrição da Peça

LG Electronics Inc.

P/NO : 38289S0049C

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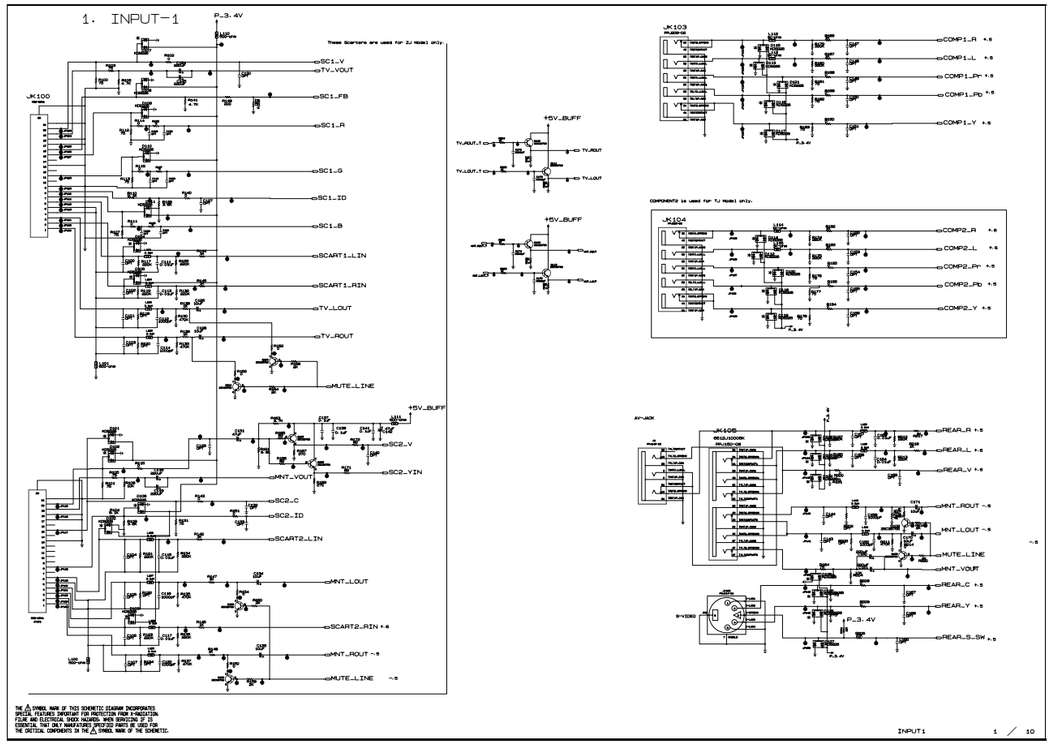
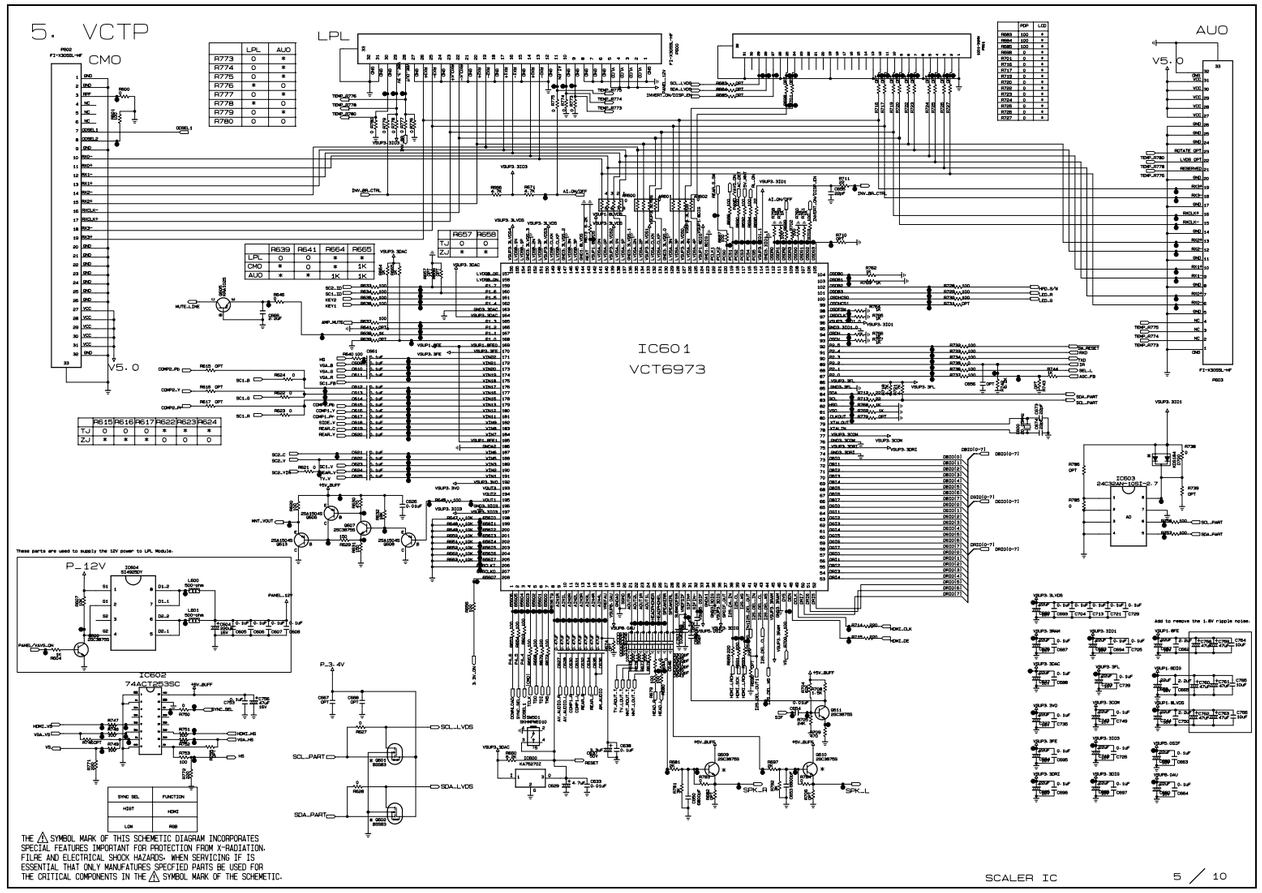
1. INPUT-1



THE ⚠ SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS- WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC.

5. VCTP



	LPL	AUO
R773	0	*
R774	0	*
R775	0	*
R776	*	0
R777	0	*
R778	*	0
R779	0	*
R780	0	0

	R639	R641	R664	R665
LPL	0	*	*	1K
CMO	*	0	*	1K
AUO	*	*	1K	1K

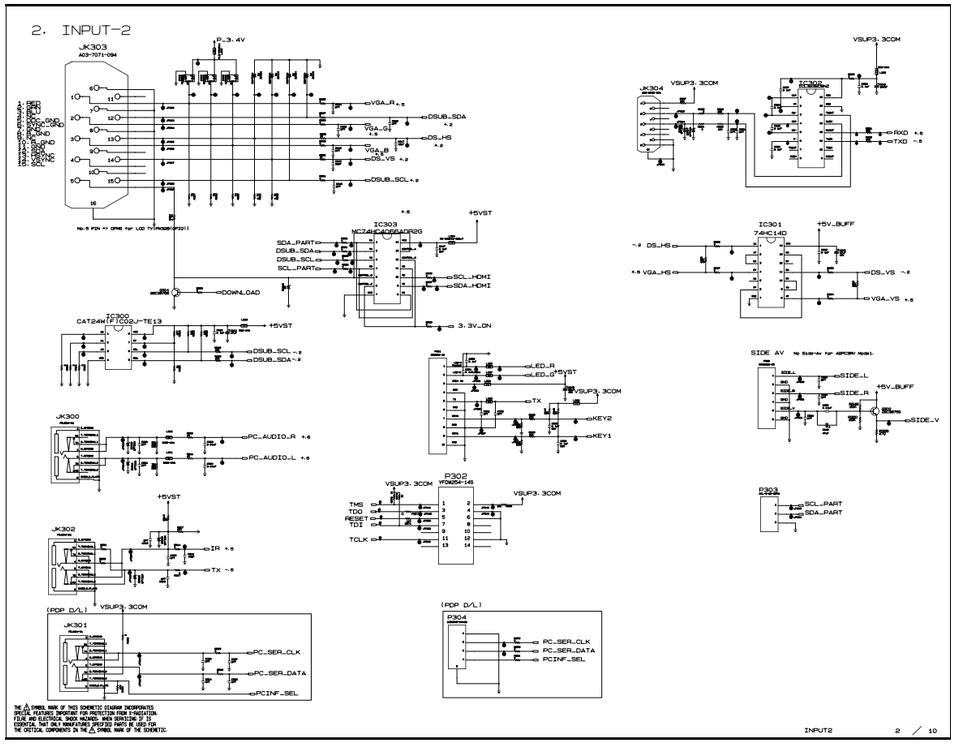
	R657	R658
TJ	0	0
ZJ	*	*

	R615	R616	R617	R622	R623	R624
TJ	0	0	0	*	*	*
ZJ	*	*	*	0	0	0

These parts are used to supply the 12V power to LPL Module.

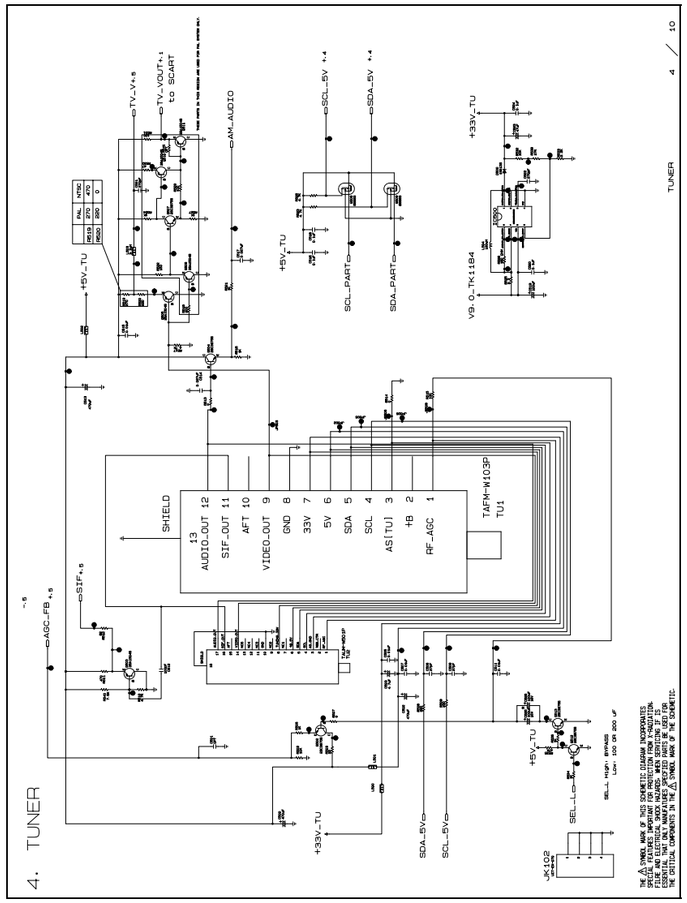
THE ⚠ SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS- WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC.

2. INPUT-2



THE ⚠ SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS- WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC.

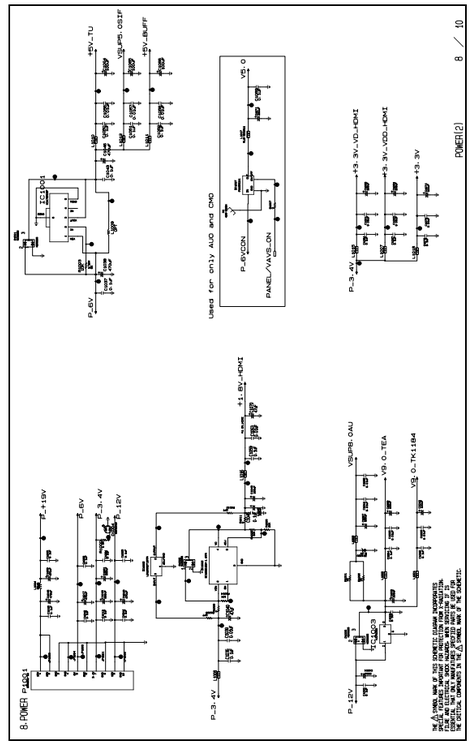
4. TUNER



	NTSC	ATV
PAL	ATV	ATV
SECAM	ATV	ATV

THE ⚠ SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS- WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC.

8. POWER PART1



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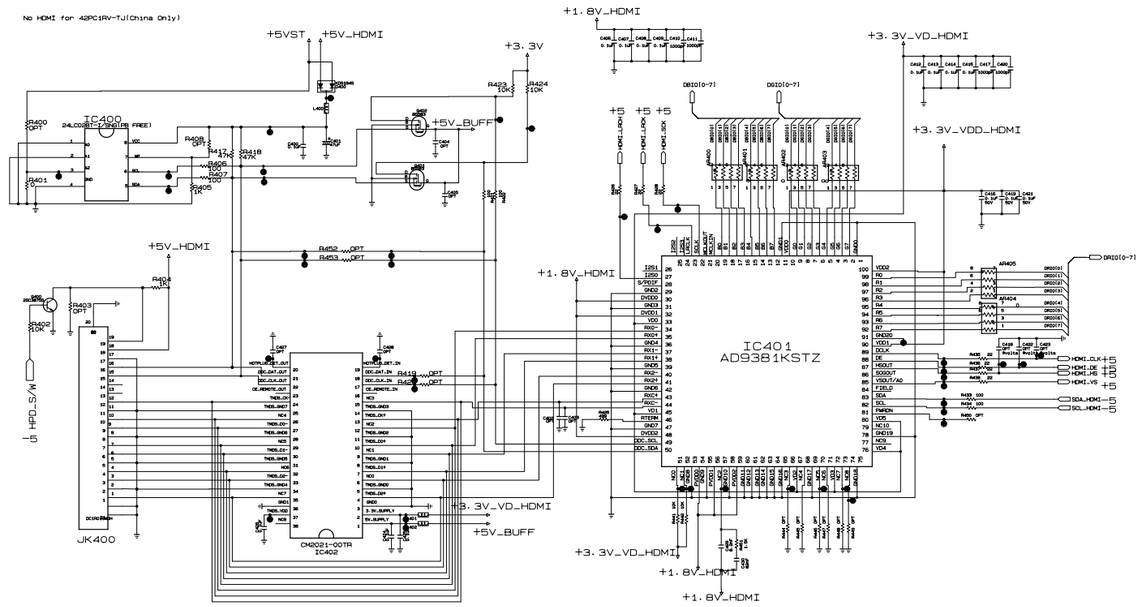
3. HDMI

No HDMI for 42PC1RV-TJ(China Only)



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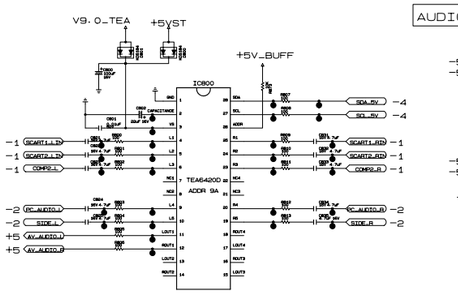
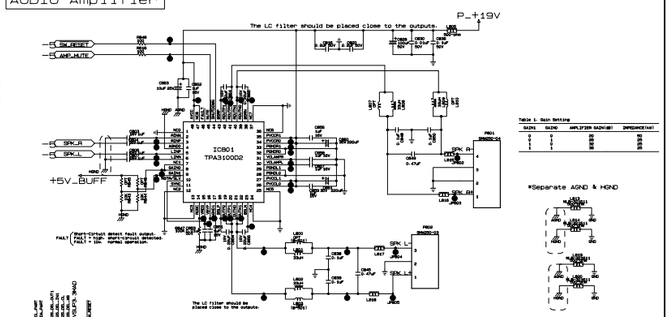
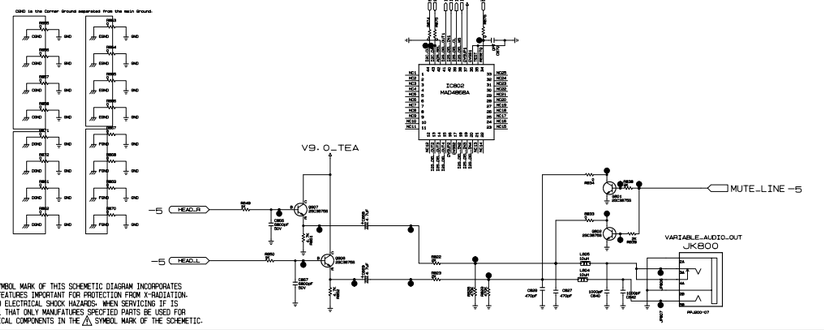
6. AUDIO

AUDIO SWITCH



AUDIO Amplifier





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LCD SUB

Local Key (68709S0142A)

Side-AV(68709S0144A)

Preamp+LED(68709S0932C)

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7. POWER(1)

	PDP	LCD
R909	4.7K	1K
R910	4.7K	1K
R926	4.7K	1K

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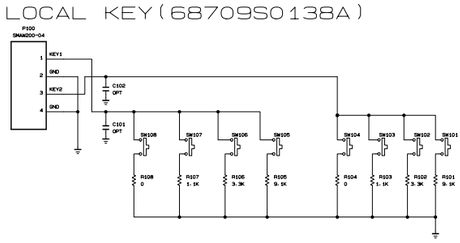
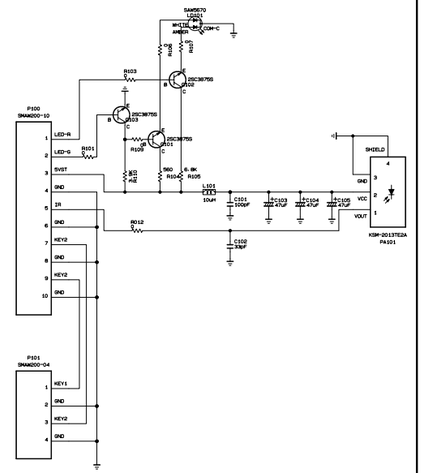
PDP SUB

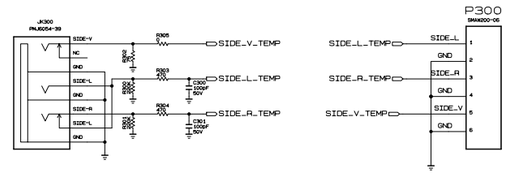
LOCAL KEY(68709S0138A)



PREAMP+LED(68709S0178B)



SIDE-AV(68709S0927A)



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